



Founded in 1947

QCWA Journal

VOLUME LIII

Spring - 2004

NUMBER 1



Quarter Century Wireless Association
159 E. 16th Ave.
Eugene, OR 97401-4017

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QCWA National Nets

SSB - Sunday at 2000Z on 14347

CW - Wednesdays at
2000E on 7035

QCWA JOURNAL is published four times a year (quarterly) by the Quarter Century Wireless Association, Inc. Membership in QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$20 for one year; \$35 for two years; \$50 for three years; and \$300 for life. For foreign membership rates, please contact the business office.

POSTMASTER: Please send change of address to QCWA, Inc., 139 E. 16th Ave., Eugene, OR 97401-4107

Printed in USA and mailed Third Class from Melbourne, FL; Eugene, OR and other cities.

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Cover:

We bid a fond farewell to our General Manager since 1991 (12 years). Jim, along with his assistant Jan, has kept the gears of QCWA operating smoothly. Almost nothing or no one could resist his efforts to keep the QCWA running efficiently, but a debilitating health problem led him to step down as General Manager. Many of us will miss his guidance and wisdom; the editor among them. We wish him well in his new life free of the rigors of managing the affairs of the QCWA and most of all, we wish him good luck, good health and happiness for the future. We thank you Jim.

QCWA CONVENTION 2004

OTTAWA, CANADA — OCTOBER 14-16

HOSTED BY NATIONAL CAPITAL CHAPTER NO. 70

REMEMBER WHAT A GREAT TIME WE HAD IN 1996 !!!

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THOSE WHO HAVE SERVED

Past Presidents

John DiBlasi, W2FX (SK)	1947 - 1964
Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA (SK)	1972 - 1973
Frank A. Gunther, W2ALS (SK)	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP (SK)	1994 - 1996
John Kelleher, W4ZC (SK)	1996 - 1998
Gary R. Harrison, KØBC	1998 - 2002

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991
Jim Walsh, W7LVN	1991 - 2003

The QCWA Journal

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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at P.O.Box 3247 Framingham MA 01705-3247USA. Telephone, 508-405-1930, FAX: 508-405-1965

From the President

Croft Taylor, VE3CT



In my Winter Message, 2003, I had just been informed that our General Manager, Jim Walsh had suffered some serious health problems, and had asked to be relieved of his GM's position. I know that I speak for all members Jim that you all have our very best wishes and that we all thank you for the dedication and excellence of your work for QCWA over the many many years - both as a Board of Directors member and as our General Manager. Let us hope that the many medical tests which you are now undertaking will lead to some solutions and make life a little more enjoyable.

As you can imagine, Jim's resignation created a major problem for your Board in that he, with the able assistance of his office Manager, Jan Hayter, held our total Headquarters operation together and it was a very difficult to find another GM with equal credentials. As you all know, however, a Search Committee under Vice President Johnston's leadership has been successful in this search and our new General Manager, Chuck Walbridge, K1IGD, was appointed to this position with unanimous approval of the Board. The relocation of our Headquarters from Eugene OR to Framingham MA, has been gradually taking place during the past three 3 months, and thanks to Jim Walsh, certain activities have continued to be carried on in Eugene during this time. Please note our new General Manager's address in the front of this Journal

As part of our HQ streamlining process, please ensure that henceforth all Chapter reports, articles and pictures are sent directly to our Editor, Gerry Wentz, to the address shown on Page 1 of any Journal. Please also remember to use Gerry's latest e-mail address <QCWA@cyberskipdigest.com> when sending material on line.

In addition to the Board's unanimous approval with Chuck's appointment, the Board is equally enthusiastic with the vacated Secretary's position being filled by Alan Pickering, KJ9N. Alan has been a well-respected QCWA Director, and his published articles in "World Radio" are enjoyed by all. Harold Chase, W1EES will fill the Chapter Relations Chairmanship vacated by Alan. Within this Journal, you will find a one-page document entitled "Committee Structure". This summarizes the main assignments of your elected members and sub committee representatives, and the document should make it a little easier as to where to direct your enquiries when needing assistance.

If you did not get to Dallas, you missed a very auspicious occasion - the 2003 QCWA Convention. QCWA Director Jerrel Jones, W5TUU and his XYL Patsy, W5SBF, Co-Chaired the event, and I can't speak too highly of their planning arrangements. The Meeting Rooms, Forums, Displays, Food, Entertainment and Saturday night Banquet were all First Class. Dallas Chapter 41 has made a statement and George Roach, VE3BNO, will have to follow suit next October, when Chapter 70 in Ottawa hosts the next Convention at the Downtown Lord Elgin Hotel.

-- LATE BREAKING NEWS --

President Emeritus Leland Smith, W5KL - Silent key

Word was received from Croft Taylor VE3CT, current president, that President Emeritus Leland Smith W5KL who lived in Harrison AK became a silent Key on February 15, 2004. No further details were available to the Journal at press time.

	COMMITTEE STRUCTURE	15 Dec 03
Committee	Functions	Membership
Finance	Monitor Investments Prepare & Monitor Budget Expenses Review and Monitor GM's Contract Review dues structure Scholarship Programme Monitor Financial Advisor's Performance Endowment Programme	Chairman Tony Hirsch, W8RSH Treasurer Frank Harris, WA4PAM George Roach, VE3BNO General Mgr. Chuck Walbridge, K1IGD Scholarship Chairman Leland Smith, W5KL
Chapter Relations	Chapter Awards, HQ Awards Membership Growth Recruiting Guidelines Chapter Programmes Conventions	Chairman Harold Chase, W1EES Deputy George Roach, VE3BNO Col. Harrison Moore, W2JQS Recruiting Manager, Larry McCalvy, WA9JMO
Administration	Maintain various QCWA Documents (Constitution, By-Laws, Directors Guide, Membership Lists, Web Page) QCWA History Taping Programme	Chairman Len Nathanson, W8RC Deputy Ed Yoder, W3YMB Secretary Alan Pickering KJ9N General Mgr. Chuck Walbridge, K1IGD Webmaster Bob Roske, N0UF Historian (Vacant) Tape Co-ord Blanche Randles, W4GXZ
External Relations	Recruiting Implementation Maintain Relations with other Amateur Radio Organizations. Monitor Regulatory Body Proceedings and reply as necessary Scholarship Programme Operating Activities and Awards	Chairman Art Kunst, W3WM Deputy, Ray Minichiello, W1BC Jerrel Jones, W5TUU Scholarship Chairman, Leland Smith, W5KL Activities Manager George Roach VE3BNO
Journal Oversight	Monitor the quality and content of the Journal Develop other sources of Advertising and Revenue	Chairman Bill McGrannahan, N0ZL Advertising Manager (Open) General Mgr. Chuck Walbridge, K1IGD

NOTES: 1. The President and Vice President are Members *ex-officio* of all above committees

2. Following are telephone numbers and e-mail addresses for committee members
above who are not listed in the Spring 2004 Journal:

Larry McCalvy, WA9JMO, Tel: 262-639-7327, e-mail <wa9jmo@wi.net>

Tony Hirsch, W8RSH, Tel: 614-442-0092, e-mail <thirsch@netwalk.com>

Bob Roske, N0UF, Tel: 816-436-0069, e-mail <n0uf@kc.rr.com>

See Quarterly Journals for other Telephone Numbers

PROPOSED CONSTITUTIONAL AMENDMENT

Gary Harrison, KØBC

At the Orlando Board meeting in 2002, the QCWA Board of Directors decided to present a Constitutional amendment to the membership for their approval. The decision regarding the reduction in the number of Directors was refined and confirmed at the Dallas 2003 meeting. This will be a part of the ballot you will receive for the election of Board members in May of 2004.

The proposed amendment would reduce the number of Directors, if accepted, from the current 10 Directors at large to 8. The most important reasons for this action are reducing the cost of meetings, reducing QCWA's expenses and make the nomination/selection of candidates easier.

The Board of Directors decided to change the wording of the Constitution to make balloting of the membership about the size of the Board unnecessary in the future. Some will recall that the number of Board members has been changed before. Each time this matter has been taken to the membership by ballot and has added to the expense of balloting. The Board proposes to change the Constitutional wording to allow the By-Laws to determine the number of Directors at large.

The amendment will change this part of the Constitution:

ARTICLE III

GOVERNMENT

Section 3. The Board of Directors shall consist of the following elected officials: The President, the Vice President, the Secretary, the Treasurer and 10 Directors at large, and the immediate past-President of the Association who shall remain as a voting member

The proposed change with the new wording underlined:

ARTICLE III

GOVERNMENT

Section 3. The Board of Directors shall consist of the following elected officials: The President, the Vice President, the Secretary, the Treasurer, a number of Directors at large as specified in the By-Laws and the immediate past-President of the Association who shall remain as a voting member

If the amendment is accepted, the ballot that you are going to receive will elect the 8 Director candidates receiving the most votes. If the amendment is not accepted the 10 Director candidates receiving the most votes will be elected. This amendment would allow the Board of Directors to determine the number of Directors at large in the future without mailing a ballot to the membership and would eliminate the expenses involved with that process. If you have any questions about this, please feel free to write, email or phone me or any of the QCWA officers. Contact information is on page 2 of the Journal.

Special Event Station

The Fred Hammond Chapter 73 of QCWA will be celebrating the 30th anniversary of the Chapter with a Special Event station on April 24 & 25th, 2004 1300Z to 2100Z each day.

Operation will be from the Hammond Museum of Radio using the call VE3HC starting on the following frequencies as conditions permit.

3762.5: 3890: 7244: 14262: 21365: 28325

QSL to

Hammond Museum of Radio VE3BJ - 595 Southgate Dr. Guelph, ON - N1G 3W6

For more info see www.kwarc.org/qcwa

Info ve3dwh@rac.ca



Gen. Manager's Report

Chuck Walbridge, K1IGD

From a kid who stocked shelves and filled orders for Leo's World Radio Labs to your new General Manager, it has been a trip that I could not have imagined! After serving as your National Secretary for the past seven years, I am honored that the Board of Directors has selected me to fill this post vacated by Jim.

I have enjoyed working with Jim over the past seven years. Jim has been a tremendous help with my understanding of the many facets of tasks required of the Secretary and the tasks of the General Manager. Jim has served QCWA in many capacities over the years. The organization is as strong as ever thanks to his dedicated efforts.

As you read this, I will have been the new GM for about three months. My effort is directed to continuing to provide the same level of service and dedication to the membership that Jim has over the years. Should problems surface in the course of business, I ask for your patience as they are resolved. I believe in an "open door" policy in that the phone, e-mail or fax is always available for any questions or comments you may have. New phone numbers and a new e-mail address are listed in this issue of the Journal. They were posted in early January on the web page as well.

I want to acknowledge the assistance of Jim's "right hand woman" Jan Hayter. We can be thankful for the unselfish efforts Jim and Jan expended on keeping QCWA headquarters running smoothly.

I look forward to working with the Officers, the Board of Directors and all members of the QCWA.

Memorial Scholarship Fund Donations

NAME	HONORING
Jim Wilcox	Jacobsen-Kelleher Scholarship
Jeanne McAllister	WOCW
Leland Smith	WASWAR
Chapter 112	W4COW & W1BKV
George Zador	
Fred L Dunn Jr & Family	Margaret Kelleher
Chapter 134	CH134 Silent Keys
Chapter 174	W9NN & W9BCC
Richard Jacobson & Family	Margaret Kelleher
Blanche Randles	W4COW
Ronald Kosciusko	CH161 SK Members

Correction: The callsign of Amanda Rodski (a scholarship winner) was incorrect in the Winter issue of the QCWA Journal. Her correct callsign is KB3DTY.

QCWA forum & lunch at the ARRL Midwest Division Convention

Lebanon, Missouri

Saturday May 1, 2004

See page two for info to contact KØBC

QSO PARTIES REVISITED AGAIN

As you probably noticed last Fall, our QCWA QSO party was almost obliterated by the California QSO Party. The latter has become a high profile Contest and occupies nearly all of the HF Band Spectrum.

In order to make our QCWA QSO Party a little more pleasant, it was obvious that we had to move the Fall weekend. This was a bit of a problem for us in that if we delayed our party to a period later in October, we were into the period of time when the Annual Convention normally takes place. In addition, there were other activities later in October such as Columbus Day in the US, the Canadian Thanksgiving Day and a Jewish Religious holiday.

We therefore decided we better go the other way - back into September. Well on the immediate preceding weekend, we found there were 3 QSO parties taking place - the Alabama, Arkansas and Texas QSO parties - the latter being also quite active. We then looked at the next previous weekend (the third weekend in September), and this seemed to be relatively clear of contests - so that is what we are going to try in 2004. The one problem we may be faced with here is that the

Fall Journal may not be in your hands to refer to the rules. This was not thought to be a major problem in the rules would already have been posted in the Spring Journal.

Your Activities Chairman Art Kunst, W3WM and your Activities Manager George Roach, VE3BNO have been trying to satisfy everyone's desire for Rule Changes. As you can imagine, however, it is virtually impossible to satisfy diametrically opposite wishes. For instance, some members want Digital (CW) only parties - some want Phone only parties, and some want to continue with Mixed Modes. Well, we have instituted a compromise to these suggestions - starting with the Spring party, you will be able to use mixed mode, only Phone mode or only Digital mode transmissions. We will issue Certificates for the top 3 Party Scores in each Category and in addition will issue a Certificate for the top Score in each Category for each participating Country. This change should give us greater flexibility than in the past.

Looking forward to working you next April.

-- 73, Croft VE3CT --

On The Web with QCWA

<http://www.qcwa.org>

Your first questions could well be, "Who is this guy?" and "What makes him think he's qualified to be our web master?"

I was first licensed in 1962 as WNØCLR. The Novice test was administered by my Elmer, Bob Packer, WØVHE(SK). The Technician (1962), General (1964) and Advanced (1977) tests were passed at the FCC office in St Paul, MN. I've never failed a single element of any amateur exam and being somewhat old school, decided to take (and I passed) both the Extra Class written and morse code elements in the same VE session in 1993. I am a Life Member of QCWA and belong to Chapters 8, 35, 120 and 151.

I wrote my first program on a Texas Instrument 99-4A in 1983. Ok, I know writing a program that displays "Hello World" on the screen isn't a big deal, but that's where most of us started. In 1985 attended a 14 week programming course for COBAL and jcl while working for AT&T. I continued with AT&T as a programmer until 2000 and currently work for IBM doing computer programming and application administration. I am self taught in Hyper Text Markup Language (HTML) the programming language used on web sites, and created my first site in 1996. I have created nine other sites since then, seven of them are still active, and have acquired responsibility for two others. The sites I administer are found at Bob's Web, <http://www.qs1.net/nOuf/bobsweb.htm>

I want to thank Gene Williamson, N7YW and Dan Copeland, NØDT for leading the way on the QCWA web site, I know they invested many hours. Jim Walsh, W7LVN, our General Manager continues to provide the bulk of the data on the site and keeps me posted with all of the ongoing changes.

The site has changed since I took over and it should. QCWA isn't a static organization and it's web site shouldn't be static either. I always chuckle when I see a "Site Under Construction" notice or graphic. I don't know of any viable site that isn't always *Under Construction*.

One of the first things I did was to visit each page on the site and test every link. This gave me a feel for how the site was laid out, the ease of intra site navigation and what QCWA was trying to accomplish. During this process I fixed or removed all the broken links. Some files had to be restored and some links removed or redirected. I removed all of the out of date information and files. We had files on the site from the 1997 Convention. There were some file that didn't have any why to be accessed unless you knew they existed. Simply having a web presents isn't enough, the site should make statement about QCWA, why we are here and what we hope to accomplish.

Many files have been renamed to reflect their content so they can be used in the site index files. I created a program that generates the site index files if a file is added, deleted or had a name change. The main site index contains all the files that make up the QWCA site. A file may be listed multiple times, for example the file *members-calCareaO.pdf* is listed under M, C, and O. The - and - are used as delimiters to determine where each file will appear. Numbers will also generate a separate entry in the main site index file.

Each type of file, Hyper Text Markup Language (html or htm), Graphics Interchange Format (gif), Joint Photographic Experts Group Gpg), Portable Document File (pdf) and ZIPped (compressed) File (zip) is listed on separate site index files, also created by my program. Files are only listed once in these.

Site navigation links have been standardized on each web page. I've also wrote a program to install any changes to these and keep them the same across the site.

As site pages area added or updated, I add a link to them from the home page in the new links and files section. New local chapter web sites are shown here as well as in the chapters on the web page. Most links in this area are removed after three months.

I've added our site to an Amateur Radio Web Ring, this will get us additional site hits and maybe a few more members as people surf to our site on the ring. We have shot past 10,000 hits on our counter and we have several interesting comments posted in our guest book. These were added in November of 2002. After initiating a site rating for www.qcwa.org, *Safe Surf* rated our site "Safe for all Ages".

A web page has been created for every active chapter. It contains only basic information on the chapter number, location and how to contact the secretary. Chapter Secretaries can send me any changes they may have for their site page.

If you haven't been to the QCWA web site lately, you owe it to yourself to check it out.

By Bob Roske, NØUF nOuf@kc.rr.com Web Master QCWA

Rules for the 48th Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 2003 QSO parties. All licenced Radio Amateurs world wide are invited.

Time/Dates: Two parties will be held in 2003 The first one shall commence on **03 Apr 2004 at 1800 Hrs UTC** and the second one shall commence on **18 Sep 2004 at 1800 Hrs UTC**. Each will run for a **period of 24 Hours**. Both CW and Phone modes may be used.

Frequencies: The following 15 Bands may be used:-

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50.0: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF above 420 Mhz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in your home QCWA chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW:	1.810	3.540:	7.035:	14.040:	21.050:	28.050
Phone:	1.910:	3.890:	7.244:	14.262:	21.365:	28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licenced. If the contacted station does **not** belong to a QCWA chapter, show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

New for 2004: You may choose to work all modes this year or Only Phone or Only Digital (which includes CW). Certificates will be issued for each Category. See details in the Spring Journal in a separate article. .

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO or other Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). A **Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one** multiplier point will be given for each State, Province or Country. A **Multiplier of 3 points** will be given on each of the 15 Bands for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points. For the year 2003, the station will operate in the vicinity of Chapter 70 Headquarters in Ottawa Canada, site of the 2004 Convention..

Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE.
Address is P.O. Box 3247, Framingham MA 01705-3247.

Contacts with QCWA Memorial Station W2MM count as **three multipliers** on each of the 15 bands. **Note:** W2MM will be operated by one of our local chapters. Members of that chapter, and non chapter Members within 50 miles (80 kms) will be permitted to work W2MM only once for a total of 3 Multiplier points.

Awards:

Certificates will be issued for the top 3 World Scores in each category.
A certificate will also be issued for the top score in each category in each participating Country.

Summary Paragraph: In order to assist the log checker, please include, along with your logs, a Summary Paragraph as shown below.

QSO's		Contact Points
CW/Digital Contacts	_____ x2	= _____
Phone Contacts	_____ x1	= _____
Total Contact Points		= _____ (A)
Multipliers		= _____ (B)
Total Score = A x B		= _____

Send Logs to: W0HXL, Dick Newsome, 2924North 48th Street, OMAHA NE 68104-3726, U.S.A.
or as an e-mail attachment to : w0hxl@cox.net

2004 QSO PARTY

Name		Call	Final Score
Address			
Chapter #	QCWA Membership Number	Mode Entered: (Circle One) Mixed Phone Digital (includes CW)	

[illegible]



The Rules Say...



John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

Here are the answers to your questions about the FCC rules for the amateur service. Most of these rules are codified in Part 97. See the document *Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End*. The 2002 edition can be downloaded from http://www.access.gpo.gov/nara/cfr/waisidx_02/47cfr97_02.html. Questions, call signs and incidents mentioned in this column are for explanatory purposes only. A W3BE-O-GRAM is an opinion of the author.

Q. I want to access more reliably our local two-meter repeater with my 70-cm hand-held transceiver. Can I use my 2-meter/70-centimeter transceiver in my car to relay the signal from my hand-held for this purpose?

A. Yes. There are several ways that how-to could be done. The easiest way might be to use one of the several off-the-shelf 2-m/70-cm transceivers that retransmit on one band what it is receiving on the other. You could configure a remotely controlled relay system using such a mobile station operating under the telecommand provisions in Section 97.213. This type of system is sometimes called a "remote base." You use your hand-held as an auxiliary station transmitting on the 70-cm band under the provisions in Section 97.201.

This assumes, of course, that your hand-held receives adequately the 2-m repeater output channel directly.

W3BE-O-GRAM: *This column purposely avoids dispensing how-to ideas for a very important reason. There have been too many instances of hams assuming, incorrectly, that a certain how-to scheme is, in itself, the rule. This type of misunderstanding could serve to prevent your even better how-to ideas from being hatched.*

Q. Could I reverse the setup by using my hand-held transmitting on 2-m and my remotely controlled mobile station relay transmitting on 70-cm?

A. Sorry, but the answer is no. Section 97.201(b) says that an auxiliary station may transmit only on the 1.25-cm and shorter wavelength bands. In this case, your hand-held is an auxiliary station. It cannot, therefore, transmit on the 2-m band.

W3BE-O-GRAM: *Should the FCC ever again propose elimination of the frequency band restrictions on auxiliary stations, the amateur ser-*

vice community might do well to reconsider its opposition. It appears to me, at least, that the benefits from the increased flexibility in these types of systems, such as that discussed above, might greatly overshadow any downside.

Q. What is an auxiliary station?

A. Section 97.3(a)(7) says, in pertinent part, that an auxiliary station is one that transmits communications point-to-point in a system of cooperating stations.

In your example, the system consists of your remotely controlled 2-m mobile relay station and your hand-held 70-cm auxiliary station. You are the control operator of both stations. Your 70-cm hand-held transmits from the two stations' combined control point to the remotely controlled 2-m station.

Q. Does my remotely controlled mobile station have to transmit a station ID?

A. Yes. Section 97.119(a) says that each amateur station must transmit its assigned call sign on its transmitting channel at specified intervals.

Q. My mobile station doesn't have an automatic IDer. How can the ID announcement be made?

A. One way would be to rely upon the same station identification announcement for both stations. After all, you are the station licensee and control operator of both stations.

Q. Can my ham friends use my relay station?

A. That would be up to you - as the person having physical control of the mobile station apparatus - to decide. See Section 97.5(a). Make sure, however, that you have a clear understanding with your friends as to whether they are assuming the duties of the station licensee, the control operator or both.

Q. I want to allow a ham friend to use my mobile station relay as its control operator. How would he ID the two stations?

A. He would have to find a way to comply with the station identification rules in Section 97.103.

W3BE-O-GRAM: *One way is for the control operator to identify both the originating auxiliary station and the relay station is by saying something such as, "This is W3BE transmitting through the K3BNS relay."*

Q. During one of the largest snowstorms in local memory, our countywide 2-m repeater emergency support effort was plagued with interference. It was traced to a mobile station relay system transmitting on the very same 70-cm channel that one of our auxiliary stations uses. Our station retransmits back to our repeater the 2-m input signals received at a remote receiving site. What are the rules covering this situation?

A. Apparently, the system causing interference with your system was similar to that discussed above. If that is the case, it was probably the hand-held 70-cm auxiliary station, transmitting point-to-point on the same channel causing interference to your repeater's reception of one of your 70-cm auxiliary stations.

There are four specific issues here. First, there is Section 97.101(c) that says each control operator must give priority to stations providing emergency communications, at all times and on all frequencies. Assuming that the mobile station relay was not engaged in providing emergency communications and your repeater was, the control operator of the mobile station relay should have given way. Section 97.101(c) holds responsible the control operator of the station not engaged in providing emergency communications.

Secondly, where our traditional listen-before-transmit protocol is being employed, it must be done carefully. Do not transmit in the blind. Use the lowest transmitter power possible and directional antennas to limit coverage to that actually required.

Next, there is the frequency coordination issue. Section 97.201 (c) says that where the transmissions of an auxiliary station causes harmful interference to another auxiliary station, the two station licensees are equally and fully responsible for resolving the interference, unless the operation of one station is recommended by a frequency coordinator and the operation of the other is not. In that case, the licensee of the non-coordinated auxiliary station has

primary responsibility to resolve the interference.

Lastly, there is the issue of compliance with the band plans for your area. Number 2 on Riley's List of Good Amateur Practices says we should respect band plans so that every mode has a chance.

Q. What specific 70-cm channels should I use for the point-to-point link between my hand-held and the relay in my car?

A. Select from those that will not cause your station to violate Section 97.101(d). It says that no amateur station shall willfully or maliciously interfere with or cause interference to any radio communication or signal.

W3BE-O-GRAM: *Ask the frequency coordinator for your area for its recommendation. You might find your local coordinator listed at <http://www.sharkk.com/coorlinkhtm> It also might be helpful for your system to employ a selective-calling scheme.*

Q. Would it also be legal for the mobile rig in the car to relay on 70-cm simplex channel the 2-meter signal received from the repeater back to my hand-held?

A. Yes. For this application, it could be operated as an auxiliary station. Your system, therefore, would be comprised of three stations:

Station 1: Your 70-cm hand-held transmitting under the auxiliary station rules, Section 97.201.

Station 2: Your remotely controlled 70-cm to 2-m mobile relay transmitting under the telecommand rules, Section 97.213.

Station 3: Your 2-m to 70-cm mobile relay transmitting under the auxiliary station rules and under the rules for automatically control, Section 97.109(d).

Q. Would I be still the control operator?

A. As the licensee of the three stations, that would be up to you to decide. It has to be you or someone you designate. See Section 97.103(b).

Q. Even when it is under automatic control?

A. Yes. See Section 97.109(d).

Q. But the mobile rig would be keyed by the repeater that is being keyed by the other ham. The other ham may not even know that he is keying my mobile. HW NW?

A. That's only because the control operator of your

station allows it to happen. That overriding responsibility remains with your station's control operator.

Q. My relay station would already be transmitting the station ID on 2-m. Would it also have to transmit an ID on 70-cm?

A. Of course. Section 97.119(a) says that the station must transmit its call sign on its transmitting channel.

Q. What is a "remote base?"

A. The term *remote base* does not appear in the amateur service rules.

W3BE-O-GRAM: *The term is borrowed, probably, from the land mobile radio services. Using much of the same technology as our repeaters, amateur operators construct and operate systems of amateur stations linked together for the purpose of providing communication coverage over specific areas. Our repeaters, in a sense, are probably an outgrowth of earlier work carried out for remote base systems.*

Q. Is it legal for a VHF station at home to work our repeater while the VHF station owner is running around town communicating with it via UHF simplex?

A. Yes. It is possible for such a system to be legally operated under the principles described above for complying with the applicable rules.

RULE MAKING

Here is a listing of some of the rule making proceedings in work that could affect the amateur service. You can use the FCC's Electronic Comment Filing System to research, retrieve, view and print any document in the system. Where the comment period is still open, you may also file your comments: RM-10313 Auxiliary operation; RM-10352 160 meters; RM-10353 Vanity call sign system; RM-10354 Control operator privileges; RM-10355 Permissible communications; RM-10412 Field repair; RM-10413 Operator classes; RM-10492 Permissible communications; RM-10521 70 cm communications; ET Docket 03-104 Broadband Over Power lines.

Additionally, there is a growing number of petitions calling for action in the wake of the demise of the international requirement for CW skill: RM-10781; RM-10782; RM-10783, RM-10784, RM-10785, RM-10786, RM-10787; RM-10805; RM-10806; RM-10807; RM-10808; RM-10809; RM-10810; RM-

10811.

W3BE-O-GRAM: *Now is the time for you to become familiar with these issues in preparation for responding to a possible call for comments from the FCC. Discuss them with your ham friends and form your own opinions.*

Additionally, at the Regulations.gov website, you can find, review and submit comments on Federal documents that are open for comment and published in the *Federal Register*. You may participate in Federal rulemaking – an essential part of our American democratic process. You can submit your comments about these regulations and have the Government take your views into account.

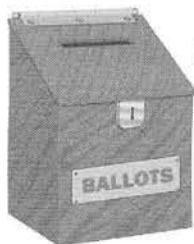
To find *Federal register* documents currently open for comment, use the GO buttons at the top of each page. Then, use the "Submit a comment on this regulation" link to express your opinion on a specific document.

APPRECIATION

Thanks to everyone who submitted questions and comments for this column. Our QCWAJ R&R Superham-of-the-Month is Jim Haynie (photo), W5JBP. Thanks for all of the great work you have done for us as the President of the ARRL. Congratulations on being inducted into our QCWA Hall of Fame.



John B. Johnston, W3BE, can be reached by e-mail to john@johnston.net.



2004 QCWA Board Candidates

President



John B. Johnston W3BE

I am a QCWA Life Member #13,825. Thank you for your part in helping make amateur radio the greatest hobby in the World. We are most fortunate to be able to enjoy amateur radio during its greatest of times. It is a great privilege to serve you — the very finest radio operators — in the promotion of friendship and cooperation among those of us who have been amateur operators for at least one quarter of a century. We understand that ham radio is not just about radios. It is more about those fascinating people who just happen to love radio and who developed this wonderful hobby.

My qualifications are: Vice-president and former Director, QCWA; Member, QCWA Hall of Fame; President, Baltimore QCWA Chapter #20; Member, QCWA Chapters #32, #91 and #128; Columnist and Contributing Editor, QCWA JOURNAL; Columnist, WORLD RADIO and AUTO-CALL magazines; Recipient, Dayton Hamvention Ham of the Year; Fellow, Radio Club of America; Member, National Conference of Volunteer-Examiner Coordinators Question Pool and Rules Committees; Member and Volunteer Examiner, Laurel (MD) Amateur Radio Club; Honorary Member, Elmer and Instructor, Montgomery (MD) Amateur Radio Club; ARRL Charter Life Member; Life Member: Old Old Timers Club, Potomac Valley Radio Club, Historical Electronic Museum Amateur Radio Club, Northern Virginia FM Association, BMARA and Old Goats 7210 Net; Honorary member, San Fernando Valley (CA) Amateur Radio Club; Past President: Vic Clark QCWA Chapter #91, Frankford Radio Club of Philadelphia, PA, and Penn Wireless Association of Bucks County, PA; Former Chief, FCC Amateur and Citizens Division. First licensed as KN2HHR on March 15, 1954.

Vice President



Bob Roske, NØUF

I was licensed in 1962 as WNØCLR. Upgraded to Technician in 1962, General in 1964, Advanced in 1978 and Extra in 1993. I am a life member of The Quarter Century Wireless Association - QCWA, The American Radio Relay League - ARRL, The International DX Association - INDEXA, The 3905 Century Club - 3905 CCN, The Old Man's International Sideband Society - OMISS, The Old Timers Club - OTC, The Old Old Timers Club - OOTC, The GERITOL Net - 3.768 MHz, QCWA Chapter 120 - QCWW and 10-10 International. I also belong to QCWA Chapters 8(Minnesota), 35(Kansas City) & 151(Calgary).

I served as President of the St Cloud ARC in MN (twice) and PHD ARA in Kansas City MO (three times). I have been

Vice President of the Kansas City DX Club since 1999. I served on the board of directors of PHD ARA from 1993 until 2001 when it merged with the Clay County ARC where I'm the Public Information Officer and trustee of W0TE.

As the QCWA webmaster for the past year and a Director since January, I have acquired knowledge of how our organization functions, about how some of the local chapters attract and maintain membership. We have to take all the recruiting ideas being used, develop some new ones and come up with a standard set that everyone has access to and can use. Every member is responsible for the organization, IT'S OUR'S!

Secretary



Alan J. Pickering, KJ9N

First licensed in 1954 with the call W8ULS, I received the call K7JTW in 1957 and then KJ9N in 1981. I have been the presiding officer of seven amateur radio groups and clubs (including two QCWA Chapters, one of which I am presently a board member and the other of which I am the current President). I am a Life Member of QCWA, the ARRL, the OOTC, and the Association of Naval Aviation. I live on the west-central coast of Florida in the rural community of Duette.

I began my professional experience as a broadcast announcer and engineer in the early 1940's (First Class Commercial, then later with Radar Endorsement) and then worked for five radio and TV stations. I was a Naval Air Corps pilot in WW II and I hold bachelor, master, and doctoral degrees in Industrial Engineering, Management and Communications and have taught at three State universities, producing over 400 educational TV programs.

Since May of 2000, I have written the bi-monthly QCWA column for World Radio magazine.

I have been a QCWA Director since 1998 and am active in its nets, including the role of NCS on two of them, a member of three chapters, and I now seek the office of Secretary in order to advance the mission and objectives of QCWA and to enlarge its membership.

Treasurer



Frank C. Harris, WA4PAM

I was first licensed in 1976 as a Novice and now hold a General Class License. Since 1976 I have been active in four amateur radio clubs, in four different states, and helped organize one of the clubs.

With forty years of banking experience, including an extensive background in investments, I can assist QCWA in making sound choices in investing the organization's money. I am looking forward to serving another term as Treasurer of QCWA.

2004 QCWA Board Candidates

Incumbents



Harold Chase, W1EES

First licensed in 1932 as W1EES and has held the same call continuously. Extra class and active on CW and SSB from 80 through 6 meters. I am a Life member of the QCWA, a member of the 5 New England chapters, past president of three of them and currently president of one of them again! Also a member of ARRL.

My entire career has been spent in the field of electronics in several capacities as an engineer in design, production and installation of signal processing equipment used in the missile and tracking station at Eglin AFB, 15 years with Harvey-Wells Electronics working on the original LORAN equipment, and a few years with Kollmorgen Corp. working on the electronics associated with the Trident Submarine program. All of this involved numerous meeting with government agencies for both technical and contractual purposes.

I am currently a member of the Board of Directors and Chairman of the Chapter Relations Committee.



Ray Minichiello, W1BC

Ray Minichiello, an active radio amateur since 1933 is Chairman of the Marconi Foundation, USA, Inc and the U.S. National Marconi Museum in Bedford, New Hampshire. Previously from 1940 to 1970, (except for WWII active duty), Ray worked with General Electric Company retiring as Manager of Product Planning of the Communication Products Division, at Lynchburg, Virginia.

A few awards received by Ray include the General Electric Company President Philip D. Reed Award, the Batcher Memorial Award from the Radio club of America, and the Marconi Gold Medal of Achievement Award from the Veteran Wireless Operators Association. Ray is a Registered Professional Engineer, first in Massachusetts then New Hampshire in 1960 and 1961 respectively.

Ray is currently a member of the Board of Directors and the Deputy Chairman of the External Relations Committee.



Col. Harrison W. Moore, Jr., W2JOS

I have been active in QCWA Chapter 181 with 2 terms as president totaling close to 20 years. Member of Chapter 46 Board, Vice President OOTC 20 years, Life Member ARRL, Radio Club of America, Antique Wireless Association, VWOA, SOWP and GIRA.

I have visited many QCWA chapters in FL, NY, NJ, CT and attended New England QCWA meetings as well as in Washington DC. I would like to provide liaison to the QCWA Board for many area chapters. Good communication is a must. I'd like to help!

I have been involved in Association management for many years. I look forward to continued service to QCWA.

I am currently a member of the Board of Directors and serve on the Chapter Relations Committee.



Jerrel Jones, W5TUU

Jerrel was first licensed in 1951 as WN5TNL and as W5TUU the same year. He holds an Advanced Class License. Jerrel graduated from Southern Methodist University with a BSEE in 1958 and an MSEE in 1960. He taught Electrical Engineering at SMU and Texas A&M University from 1958-1965 while completing coursework for his PhD in EE specializing in Antennas, Field Theory and Propagation with research in Field Aligned Irregularities under an NSF Science Faculty Grant.

Jerrel's amateur radio interests include ARES, RACES and SKYWARN responsibilities and volunteer efforts for the Plano Fire Department. He served as Frequency Coordinator for Zone 1 of Texas VHF-FM Society for five years with which he is a Life Member. He is a life member of the QCWA. He has been President of the Plano Amateur Radio Club, President of Dallas Chapter 41 and Technical Director for HAMCOM, the West Gulf ARRL Convention. He is a member of the ARRL, IEEE, Association of Old Crows (electronic warfare), OOTC and others.

Jerrel is currently a member of the Board of Directors and a member of the External Relations Committee.



Leonard M. Nathanson, W8RC

Leonard M. Nathanson has served on the Board of Directors since 2000. He was first licensed in 1948 as W8DQL. He is a graduate electrical engineer and a practicing lawyer. He served as a director of the Great Lakes Division of the ARRL and as First Vice President of the ARRL. He is a life member of the ARRL and the QCWA.

Mr. Nathanson served in the US Army Signal Corp 1952-54 and was an operator at WAR/K4USA. In amateur radio he is active on 160 Meters - 70 cm, He is WAZ, CP30, RCC, ROWH and OTC.

He is currently a member of the Board of Directors and is Chairman of the Administration Committee.



Edward Williams Yoder, W3YMB, W4GAV, EP2EY

I would like to be considered for re-election to the QCWA Board of Directors. Being on the Board has given me the background and experience as to the policies, functions, duties and requirements for fulfilling the scope of effort expected as a Board member. I am a life member of QCWA and ARRL and am a member of OOTC & US Navy Radioman Association. I held the FCC First Class Radio Telephone Operator License with the Ship Radar endorsement (now a General certificate). I am an attorney at law, National Parliamentarian of the US Submarine Veterans Association, and former President of Murrysville, PA city council and President of Westmoreland County, PA Boroughs Association.

In Amateur Radio, I hold awards for DXCC, WAC, WAZ and WAS. And in QCWA, I attend all Board and Annual meetings and currently serve on the Administration Committee as Vice Chairman. My legal background and serving in an elected legislative and executive position allows me to provide detailed input to deliberations of our Board and the general membership of QCWA.

In summary, I would like to continue to do all I can to further the goals of QCWA and serve the best interests of our great organization.

New Candidates



Thomas B. J. Atkins, VE3CDM

Thomas Atkins was born and educated in the United Kingdom, immigrating to Canada in June 1952. Following military service in the R.N.V.R. Combined Operations and university, he became a radio amateur in May 1950, currently holding the call G4ABN, and then VE3CDM in 1968. A life Member of QCWA since 1986, he is currently President of the Fred Hammond Chapter 73.

During his amateur career he held executive position in RSO, CRRL, ARRL, CARF and in 1983 was elected a member of the IARU Region II Executive committee retiring as President in October 2001. In his Region 2 capacity, he was also a member of the IARU Administrative Council. A member of the IARU Observer Team WARC 1992, and WRC 97. Presently an IARU Expert Consultant

Atkins was 1983 Ontario Amateur of the Year, 1991 CRRL Canadian Amateur of the Year and in 2003 Admitted as a Member of The Canadian Amateur Radio Hall of Fame"

An executive in commercial broadcasting, he was involved in television industry activity being one of the founding members of the Canadian Broadcast Executives Society, a Director of the Television Bureau of Advertising and member of the Quarter Century Club of the Canadian Association of Broadcasters,

In addition to his wartime service in RNVR Combined Operations, Tom subsequently served in the Signal Corps of both the British and Canadian Armed Forces as a reserve officer retiring in 1969.

A collective effort is needed to offset the declining membership and the virtual survival of QCWA.



Lew Gordon, K4VX

First licensed as W9APY in 1947 at age 17. Extra Class licensee since 1953. Calls held: W9APY, WA4RPK, W4ZCY, and K4VX. Wife Terry is NSØZ. Daughter Sharon is NØHVY. Life member ARRL and QCWA. DXCC Honor Roll. WAZ mixed and CW. Member of the CQ Contest Hall of Fame.

Served as ARRL Midwest Division Director 1994 to 2000. Served on the Membership Services Committee five years and as chairman two years. Served on the Administration and Finance Committee one year.

Earned B. S. degree in physics from Purdue University. Graduate studies at Georgetown University. Majority of professional career spent as engineering manager with CIA, retiring 1979. Recalled 1982 to consult until end of the Cold War in 1990.

Published numerous articles in QST, NCJ, and CQ magazines. Received the QST Cover Plaque Award in 1993. Yagi modeling software YAGIMAX in use worldwide. Active on all non-WARC HF bands with rotary Yagis on 10 to 40 meters.

If elected, I believe that my Amateur Radio background, my professional experience, coupled with six years on the ARRL Board of Directors will provide a valuable asset to QCWA.



Blanche L. Randles, W4GXZ

I was first licensed in 1954 as W4GXZ in Jacksonville, Fla. My husband Wesley (W4COW) and I moved to Framingham, Mass. in 1958. We soon had the tower and beam up and were on the air again. We enjoyed the radio clubs and each year traveled to the YLRL and QCWA conventions. Wes was active in QCWA and I joined as soon as I became eligible in 1979.

At that time there was no QCWA chapter in New England. Several of us got together and organized Yankee Chapter and four other chapters soon followed. We also helped in the organization of these chapters.

I soon noticed QCWA had no taping program to bring the news in the Journal to our sight impaired members. In 1987 the president took my thoughts to the board and they agreed we needed a taping program. I was appointed Taping Coordinator, a job I still hold.

Ham radio and QCWA have been a big part of my life. It just seemed natural that I should run for election to the QCWA Board of Directors. If elected I will do my very best to be a Director you can be proud of and I will certainly support QCWA in every way possible.



R. S. "Tony" Hirsch, W8RSH

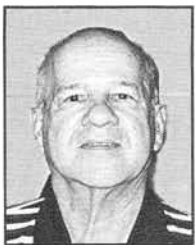
R. S. "Tony" Hirsch: A ham first licensed in 1955, and a pilot since 1959, Tony is a financial consultant for municipal governments and small businesses in Columbus, Ohio after serving as President of a \$325 Million bank-owned leasing company. Tony founded his company, Cambridge Financials, in 1983 and placed it in trust while serving as lease company President from 1988 until 1993.

Tony has participated in MARS, emergency communications for Red Cross, ARES, state and national CAP. He is active in Air Force AIS investigations, airline and general aviation crash investigations and has been an aviation insurance risk manager for over 35 years. He is a CFI with single, multi, instrument and jet aircraft type ratings, and has logged over 4,800 total flight hours. Tony founded the International Aviation Theft Bureau and was a member of several FAA task force committees including the National Airspace Review, and served on the NBAA Airspace and Air Traffic Control committee.

PROFESSIONAL AFFILIATIONS: American Association of Equipment Lessors, American Bankers Association, American Radio Relay League, Quarter Century Wireless Association, Military Affiliated Radio (MARS), Central Ohio Amateur Radio Emergency Service (COARES), National Business Aircraft Association, Member, Airspace & Air Traffic Control Committee - F.A.A. Liaison, Member, Task Group for National Airspace Review (A.R.S.A. Committee, F.A.A.), National Air Transportation Association, Aircraft Owners and Pilots Association, National Advisory Committee, Air Explorers, Boy Scouts of America, Founder, Director, International Aviation Theft Bureau (IATB), Washington, D.C.

HONORS & AWARDS: National Business Aircraft Association, Flying Safety Award (" Million Mile"), Aircraft Owners and Pilots Association., Award of Merit (as founder, IATB.), F.A.A. Distinguished Service Award (as founder, IATB.), F.A.A. Distinguished Service Award (as member, Airspace Review Task Group).

He currently serves as Chairman of the Finance Committee



Fred Maia, W5YI

Fred Maia, W5YI was first licensed in the 1950's while in the Air Force. At age 17, Fred attended Keesler (Mississippi) AFB Radio School and served in Korea while still a teenager. He has held an Extra Class ticket for decades.

In the early 1980's, the FCC wanted to offload Amateur Radio license testing and set about recruiting Volunteer Examiner Coordinators. A VEC serves as the link between examining community (VEs) and the FCC who issue the licenses. Fred was the first VEC to be accepted in all areas.

Over the past 20 years, the W5YI-VEC has accredited more than 25,000 VEs and has administered some 600,000-examination elements to more than 350,000 applicants. He added Commercial Radio Operator testing in the early

1990's.

When the FCC transferred Amateur license test development to the ham community, Fred volunteered to be on the Question Pool Committee ...a position he still holds. He also serves as Chairman of the VECs Rules Committee and routinely submits comments to the FCC on behalf of the VECs and their VEs.

W5YI is especially concerned about the health and stagnant growth of ham radio. While a great hobby for senior citizens, our future lies in our youth and interesting them in Amateur Radio. He firmly believes that all unnecessary impediments to the wider use of ham radio should be eliminated.

Due to technological advances, many of the rules of yesterday are no longer needed and many only serve to impede ham radio growth. I plan on working toward an even more streamlined Amateur Service and especially facilitating its use among newcomers and as a Public Service tool.



Tad Burik, K3QC

I am honored to have this opportunity to be a candidate for the office of director. As a Life Member of the QCWA since 1990, I cherish the thought of being part of this organization at a level where the future can be planned. If elected, I will bring with me input from a newer generation of amateur radio operators because I am from "the new school." If entrusted with your confidence I will become one of the youngest national officers in this association.

I was born in 1951 and first licensed as WN8PXL in 1965. I attained my General license in 1967 as WA8PXL and subsequently became an Extra class and currently have the call of K3QC. I had opportunities to operate from Germany in 1971 and 1997. Experiences in foreign countries will help me serve those QCWA members abroad. A notable highlight in my career is being an invited guest operator at K2BR, the special event station for the Miss America

Pageant.

As the founder and president of QCWA Edison chapter 196 in Fort Myers, Florida, I have had an opportunity to start a local chapter from the grass roots and work to make it as successful as it can be for our membership.

I belong to the ARRL, the OTC, RACES, and I am a certified Volunteer Examiner. I attained an FCC Third Class Commercial license. My military service specialty was as a Flight Simulator specialist in the USAF/ ANG and I also acquired a Private Pilot license. My college degree is a BA with an emphasis in management.

Currently I am a job coach for the blind and visually impaired. I am very proud to be a volunteer guide dog puppy raiser.

One of my goals as a director would be to become very active in the QCWA Scholarship Fund. Involving today's youth in amateur radio and education will secure a bright future for them and the QCWA.

AN UNFORGETTABLE HAM

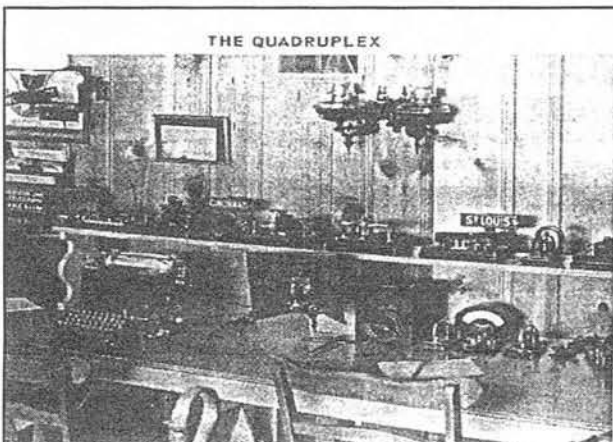
By Bill Jackson, W6HDP

I first ran into Stu in 1948 while living in Ft. Lauderdale. Herb Evans, W4LKT, now a longtime silent key, had gotten me into Amateur Radio only a few months before so you might say I was getting my feet wet as a young uneducated Ham with the call of W4NFD. It all began one day while I was in my radio shack, a closed off room in back of the carport, tuning around on the 20 meter CW band and heard the callsign W4ZC (now held by John Kelleher) in QSO. After he signed off with his station I called him and he came back, slowing down to my speed of about 25 WPM, due to the fact this was the speed that I had attained as a high speed OP in the Signal Corps during the war. His sending was perfect, a smooth operator, with no mistakes. And since we were both in Ft. Lauderdale, at the end of our QSO he invited me to his home.

Stu lived on the other side of town and since at the time Ft. Lauderdale was a town of only about 17,000 people, it was not difficult to locate his house. I had no idea what Stu would look like so when I arrived and rang the doorbell I was not fully prepared for what came next. The door opened and standing before me was a small, frail and stoop-shouldered man with a large hump protruding above his neck. He motioned me into the living room and turned to follow when I noticed his upper body was horizontal to the floor, evidently the only way he could maneuver around.

After chatting awhile, Stu invited me into his radio shack, consisting of a homebrew transmitter, a receiver I was not familiar with and a Vibroplex key. Stu told me he had been a telegrapher, working for a newspaper, but not much else about himself I judged him to be in his 40's and he was living with his parents. I found out he only worked CW, no microphone in evidence, and he was a very proficient operator. The visit was interesting but I still knew very little about my new acquaintance except that his name was Stu Davis. Most hams in Ft. Lauderdale knew Stu and he participated in club meetings but not much was known about his past personal life. In 1951, I was recalled back into the military thru the Naval Reserve and I lost contact with Stu. It would be over twenty years before I would be reunited with him.

After retiring from the Navy in 1966, I moved my family to Southern California where I worked as a Computer Electronic Tech. It was not until the late 70's when I heard Stu on CW again, this time with the callsign W2ZH, living in Union New Jersey. We began to correspond by mail and as time went by the letters came less frequent. Finally one day in 1981 I received a letter from Stu with copies of The National Telegraph Office that he had established in Union. This was the first time I knew his full name, Dr. E. Stuart Davis. Stu informed me that he was almost blind and in poor health. Later,



This is a real working Relay Telegraph Office. More than 40 years has been devoted to collecting these instruments. The equipment is all genuine - some units are more than a hundred years old.

ABOUT THE TELEGRAPH

For more than one hundred years the telegraph was the backbone of electrical communications. From the original two offices in 1844, the telegraph industry expanded to more than 30,000 offices in North America by the turn of the century.

In addition, private Morse Wires were established by Railroads, Newspapers, Press Associations, Brokers, Pipe Lines and many large business concerns.

"A Message a Minute" was required of the men who manned the "A" wires. Eighty-five messages per hour were regularly handled at speeds as high as 70 words per minute by the fastest operators.

Some idea of the traffic volume can be gained by the records of the Western Union Chicago Main Office for 1902. This office averaged more than 2,000,000 messages per month, handled by a staff of 800 telegraphers.

Today, Morse is still used where accuracy and reliability cannot be compromised.

E. STUART DAVIS

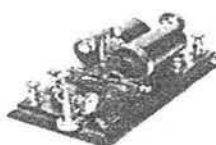


NEEDLE TELEGRAPH - English Origin - Can be used by persons unable to read telegraphic codes.



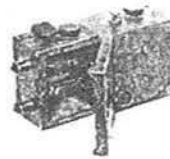
WILLIAMS SOUNDER - One of the early sounders - produced when the telegraph was less than ten years old.

KEY AND BOX SOUNDER



TILLOTSON RELAY - From War Department telegraph office where Lincoln spent so much of his time. Donated in 1926 by "Pop" Knowlton, one of MTS operators.

POCKET RELAY - Used in Spanish-American War and World War I. This type was used by spies for tapping enemy lines.



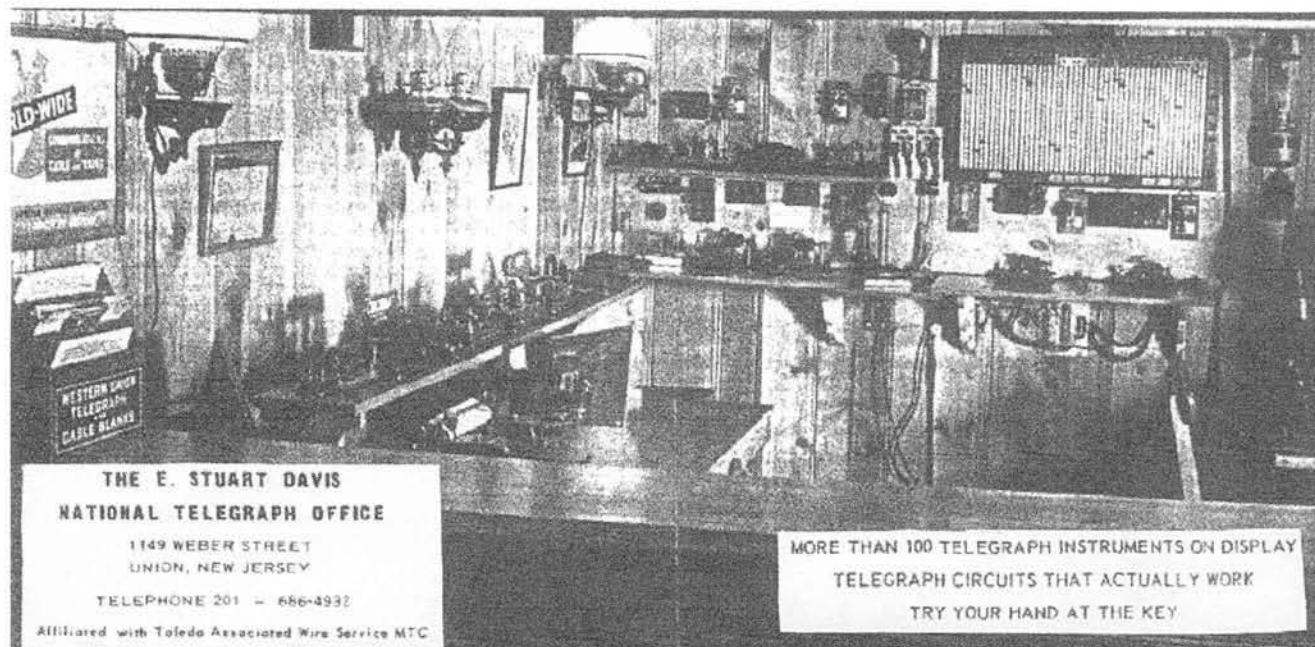
in 1983, I found his name under the Silent Keys column in the May issue of QST. Due to the fact I still knew so little about my friend Stu Davis, I decided to try and get an obituary on him. After about a month the Union, NJ public library came to my rescue. When I received this obituary and read it, I was amazed to find out just how famous Stu had been before I met him. I learned that he was 42 years old when I met him in 1948.

Dr. Davis was born in Vermont, lived in Newark and evidently spent most of those years before I met him in the East. Much of his early life is not brought to light but he taught Physics at Princeton University and held two doctorate degrees from Long Island University and the University of Toronto. He was well known for his work in electronic instrumentation, communications and as a telegraph historian, founded the National Telegraph Office, Museum and Library of Union. During World War II, he was on special assignment as a code breaker in Washington D.C. where he became a personal friend and consultant to President Franklin Roosevelt and his wife, Eleanor. He lived in the White House and traveled frequently with the Roosevelts. In the early years of the war Dr. Davis once said to

Roosevelt, " Mr. President, we need to be careful, the Japanese are intercepting our traffic off the cable". Dr. Davis was crippled as a result of an airplane crash during the war years, accounting for his appearance when I first met him. He also worked as a code breaker with OSS, a forerunner of the CIA.

Dr. Davis moved back to New Jersey in the 50's and worked for the Weston Electric Company, finally as Director of Research with the Potter Aeronautical Corporation at Paterson for ten years, retiring in 1966. Dr. Davis was a member of the Institute of Radio Engineers, the IEEE, many Wireless organizations, American Theater Organ Society and the Radio Club of America. Dr. Davis was, as it seems, never married and had no surviving family. As I look back in years I can only cherish the memories of Stu Davis, otherwise known as Dr. E. Stuart Davis, and consider myself fortunate to have been acquainted with such a well-known and talented man who contributed so much to his country. End

NOTE: Enclosed are photos of "The E. Stuart Davis National Telegraph Office" in Union, NJ, Later sold to Sherman Wolf in Massachusetts.



Note: The Journal did the best we could fix the photographs. They were quite old and we tried to enhance the photos as much as possible but there is a point when miracles cannot be performed, no matter what!

Member Supplies

Certificates

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

Gold Certificates are issued in five year increments: 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

Meritorious Award Certificate is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

QCWA Operating Award Certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year: 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$15

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, P.O. Box 3247, Framingham MA 01705-3247

Phone (inquiries only, no orders): 508-405-1930, FAX: 508-405-1965

We accept orders charged to credit cards.

47th Annual QCWA QSO Party October 4 and 5, 2003

	<u>Call</u>	<u>Name</u>	<u>Chapter</u>	<u>QSO's</u>	<u>Multi</u>	<u>Total</u>
1	W4ARM	Alan	12	169	57	9633
2	K2TVY	Frank	138	140	56	7840
3	W4YE	Buddy	202	160	49	7840
4	K1AA	Norm	45	139	48	6672
5	VE3CT	Croft	70	125	43	5375
6	VE3BNO	George	70	116	40	4640
7	VE6AFO	Ken	151	77	41	3157
8	W3UHP	Ernie	6	87	32	2784
9	DJ5GG	Guenther	106	74	31	2294
10	AB2N	Arnold	138	76	30	2280
11	K8VFR	Rosemarie	MI	66	26	1716
12	W8DD	Don	1	61	24	1464
13	W5KL	Leland	AR	60	21	1260
14	W2VEX	Norm	65	54	23	1242
15	N4US	Ron	62	41	28	1148
16	K6KJK	Don	130	46	24	1104
17	W8GAC	John	21	54	20	1080
18	K4JM	Tom	VA	50	20	1000
19	VA3ZBB	Rod	70	40	16	640
20	WB4FDT	Pip	91	39	16	624
21	W9HR	Al	162	36	16	576
22	KF5LO	Victor	72	30	18	540
23	W3UQH	Duane	31	29	18	522
24	K6SS	Len	130	34	15	510
25	WA8MWA	Carolyn	120	36	14	504
26	W3ZMN	Conrad	17	34	13	442
27	W5GVP	Tom	72	26	15	390
28	HB9MX	Kurt	209	25	15	375
29	N3WS	Walt	129	27	12	324
30	VE3BBM	Ralph	70	24	12	288
31	W9NVK	Ed	162	18	16	288
32	W9GKM	Charles	162	28	9	252
33	WD9DJD	Paul	2	28	9	252
34	WA1PFC	John	112	20	11	220
35	VE3GX	Ed	70	24	9	216
36	K4DGJ	Sam	NC	20	9	180
37	NS3O	George	6	17	10	170
38	HB9BOU	Herb	209	18	7	126
39	K1PJ	Peter	152	18	7	126
40	W2OD	Bob	138	14	9	126

41	W0ODD	Ed	KS	16	7	112
42	W8KYD	Ron	1	16	7	112
43	K4BAI	John	GA	14	7	98
44	VE3AHZ	Jack	70	14	7	98
45	KJ9N	Alan	128	12	8	96
46	HB9QA	Karl	106	16	5	80
47	VE3HKG	Frances	70	9	8	72
48	VE3NPC	Clare	70	9	8	72
49	N2GT	Sterling	138	14	5	70
50	W6HV	Troy	130	14	5	70
51	W0WLN	Bob	162	6	6	36
52	W0YQY	Don	210	6	6	36
53	W4AGI	KV	202	8	4	32
54	W6HG	Hugh	130	8	4	32
55	K4UK	Stan	202	10	3	30
56	N4LD	Lew	195	5	4	20
57	W0HXL	Dick	210	4	4	16
58	W6RLP	Paul	169	4	4	16
59	W9LDH	Spencer	162	5	3	15
60	DL7UEO	Pete	106	4	2	8
61	K4LVZ	Gerry	45	2	2	4
62	WA9JMO	Larry	162	2	2	4
63	AB5FS	Jim	63	2	1	2
64	W2AS	Al	45	1	1	1

Winners were W4ARM, K2TVY, W4YE, K1AA and VE3CT (also first for Canada). DG5GG was our winning DX Country.

Congratulations to chapters 70 and 162, who came first & second in the number of members participating, and to Chapters 130 and 138 who tied for 3rd place. Also congratulations to Switzerland who came up with 3 participants. HB9 was our last DX country to form a QCWA Chapter.

And thanks to Dick Newsome, WØHXL who once again did the log checking and compiling of results.

George Roach-VE3BNO Activities Chairman



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to Editor, Gerry Wentz, to arrive no later than the following dates: January 1, April 1, July 1 and October 1.

Chapter 1, Cleveland

The annual awards meeting was held October 11 at Dimitri's restaurant, and honored a number of members. President Dick Ingraham WA8TPP, presented Cleveland Chapter One awards to the following members:

QCWA Century Awards were given to W8WGO Jack Goldfarb, and WA8CBP Joseph Schleimer. A QCWA Meritorious Award also went to W8WGO. QCWA 50-Year Certificates were received by W2NTB Bernie Hinrichsen and W8JZZ Albert Wilde. A QCWA 65-Year Certificate was presented to W8UYN Albert Zimmerman.

The Cleveland Chapter One Amateur of the Year plaque was given to W3TRZ Louis Angelici. The Chapter One Presidents Award plaque went to W1HEO "Dee" Logan.



The Chapter 1 display at the Cleveland Hamfest with President WA8TPP standing at the left and W8WGO seated on the right.

Chapter One Certificates were awarded to the following members for their operational support of station W8LYD at the Cleveland Veterans Administration Hospital: K8OCK John Esborn, N8MZJ Ethel Tomazic, N8TCN Charles Collister and WA8TPP Dick Ingraham.

Also honored with a Cleveland Chapter One Certificate for their support in creating station W8LYD at the V.A. Hospital were: AA8RZ Jean Tolle, N8WPX John Hulse, W8UYN Albert Zimmerman, W8WNA J. Kirk Sanderson and WD8DBQ Dino Pocaro.

WB8WTU Dennis Doran, was recognized for his outstanding support in establishing station W8LYD at the V.A. Hospital with a Chapter One Certificate.

W8FAZ Joseph Zelle, also received a Chapter One Certificate for his past editorial services on behalf of the chapter.

The Chapter has contributed \$100 to the ARRL's Broadband Over Powerline Spectrum Defense Fund.

Welcome to new Cleveland Chapter One member W8MUA Robert Martin, QCWA member #32294.

We note with sadness the passing of former member W8WFH Bill Loudon, on November 10, 2003.

Dee Logan W1HEO

Chapter 2, Chicago Area

The meeting was called to order by President Jim Quinn, K9JQ at 6:30 PM at Colletti's Restaurant.

There were 9 members and 9 guests in attendance.

Jim Quinn K9JQ, welcomed the members, their guests and the non-members.

Jim announced that the first order of business was the nomination of directors and the election. There are 4 director openings. There are 3 incumbents plus a replacement is needed for the deceased member and director Ed Dervishian, W9VSU.

Gil, W9BUB, nominated: Ernest Czocek W9ULX, Lee Knirko W9MOL, and Paul Bovaconti WD9DJD.

Jim asked for more nominations from the floor. There being none, the nominations were closed. The election will be at the January meeting.

Jim asked Gil if there was any further business for the club. There was none.

Jim then congratulated Lee, W9MOL, for the continuing fine job on the newsletter. Those present showed their appreciation by a hearty round of applause for Lee.

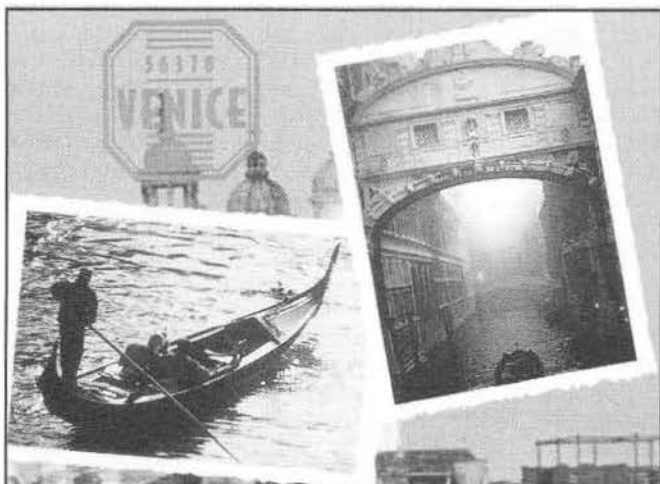
Jim then has each attendee introduce themselves to the assembly.

Then dinner was served. The restaurant served its usual fine meal. Attendees had a choice of fish, chicken or beef. But it also includes salad (outstanding and all you can eat), soup, rolls, entre, and desert.

Mike Brost WA9FTS, presented the program. He had a commercial tape of the cities in Italy that he and his friend Carol visited. Mike added detail to the film with some of his comments.



Views of Florence from tape.



Views of Venice from tape.

Mike Brost WA9FTS, is to be thanked for bringing the TV, the tape and the VCR to show the tape.

Gil Kowols W9BUB - Secretary

Chapter 10, Michigan

Michigan Chapter 10 can reflect back on 2003 as being a very active and prosperous year. Through the concerted efforts of our membership, we were able to increase our membership from 59 paid up members in June to 77 paid up members as of January 01, 2004. Since our last quarterly report for the Winter 2003 Journal, we are pleased to announce the addition of the following members to our chapter: W80B- Ken Cubilo, Alpena, MI., WA80LD-Dave Deatrick, Sault Ste. Marie, MI., W8GAR-David Franklin, Jr., Saline, MI., W A8GRI- Jim Stutesman, Saginaw, MI., K6VWE- Stan Rowe, Midland, MI., K8VFR-Rosemarie Robinson, Clinton Twp. MI., K8MDV- Ed Robinson, Clinton Twp., MI., W8RC- Leonard Nathanson, (member of QCWA Board of Directors), Farmington Hills, MI., W0CD- Charlie Dewey, Jr., Battle Creek, MI., W8S00Ken Demaray, Sault Ste. Marie, MI., WA8MKY- Larry Alexander, Sumner, MI., WA8V- Ed Klusowski, Manistee, MI., and K8MRS-Gordon Bean, St. Charles, MI.. We extend a sincere welcome to all of our new members and their families and look forward to many years of good fellow-

ship and fun.

We were all saddened by the news of the "untimely retirement" of QCWA General Manager, Jim Walsh, W7LVN, due to health problems. We wish to thank Jim for a job well done and appreciate his many years of devotion to QCWA. Our thoughts and prayers are with him that he may have a speedy recovery and enjoy a happy retirement in the years to come.

Michigan Chapter 10 will celebrate its 45th birthday on April 13, 2004, and plans are now underway to have a Special Event Station for our 50th anniversary, which will take place on April 13, 2009. Even though it is five years away, a lot of planning and organizing will be required in order to have a successful celebration. It is that same train of thought that we have realized the importance of continually recruiting new members into QCWA. Any Michigan amateurs wishing to join QCWA, or are already a QCWA member, but do not belong to a "Home Chapter", are invited to join us on our weekly QCWA Chapter 10 net, which is held on 3.903 MHz, every Sunday morning, with a pre net commencing at 7:30 AM, EDT, and the regular net commencing at 8:00 AM, EDT. Our Secretary will be happy to assist you in obtaining a QCWA membership application, and in the event that you are an "At Large Member", he will assist you in making a transition to membership into Chapter 10, as your "Home Chapter". For details, contact, Jim Bishop - W8JFB, Secretary, Chapter 10, at email address of: sloiim@lighthouse.net Regular mail at: 332 Pointe LaBarbe Rd., St. Ignace, MI., 49781-9657, or by telephone at: (906) 643-7103. We are a very active chapter and family orientated, and encourage everyone to actively participate in our Chapter activities, and assist in actively recruiting new QCWA members, it is essential to the survival of QCWA in the years to come.

It is with our sincere congratulations that we recognize the following Chapter 10 members for their receipt of the following awards during this past quarter: Donald Holloway- WB8EYM, Lansing, MI., was inducted into the QCWA Century Club, that certificate being presented to Don and his Wife, Luewellon, by member, Stan Summers - W8SKS, of Kalkaska, MI. Donald Vansickle- K8GOU, Gowen, MI., was inducted into the QCWA Century Club, that certificate being presented to "Van" and his Wife, Florence, by members Peter Hansen W8TWA, Gowen, MI., accompanied by Dan Owen, Sr. K8GBC, Owosso, MI., and Larry Alman W8WR, Greenville, MI.. Leonard Nathanson- W8RC, Farmington Hills, MI., received his 50th anniversary of licensing certificate, Fifty Year Continuous Licensing Gold Certificate, 55th anniversary of licensing certificate, and was also inducted into the QCWA Century Club. David Franklin, Jr.- W8GAR, Saline, MI., received his 50th anniversary of licensing certificate, and his QCWA Fifty Year Continuous Licensing Gold Certificate. Charles Dewey, Jr.- W0CD, Battle Creek, MI., received his 55 years of licensing certificate, 60 years of licensing certificate, 65 years of licensing certificate, 70 years of licensing certificate, and was also inducted into the QCWA Century Club.

The Annual Business Meeting, Election of Officers, and Awards Luncheon, will be held on Saturday, May 01, 2004, in Cadillac, MI., at the Waterfront Restaurant, beginning at 12:00 noon. Our guest speaker will be Leonard Nathanson-W8RC, QCWA Board of Directors Member, who will give a brief presentation about upcoming events and



Don "Van" Vansickle K8GOU (seated), with his QCWA Century Club Certificate. Standing, L to R, Dan Owen K8GBC, Larry Alman W8WR and Peter Hansen W8TWA. (Photo by W8TWA)



Donald Holloway- WB8EYM, (seated right), reads his QCWA Century Club Certificate. Looking on are Don's Wife, Luewelon, and his Son, Wallace. (photo by W8SKS)

activities of QCWA. This should be a very interesting and informative meeting. The luncheon will be held in conjunction with the Cadillac Swap and Shop, which is held at the Cadillac Junior High School, commencing at 8:00 AM, on the same date. Tickets for the noon luncheon and business meeting and applications for QCWA membership will be available at the Michigan Chapter 10 table, which will be located just inside the entrance of the Cadillac Swap and Shop.

Our Annual Summer Picnic, and a short business meeting, will be held on Wednesday, August 18, 2004, at

the Kenwood Park, in Cadillac, MI., commencing at 12:00 noon. All members, their families, and friends, are encouraged to attend. Please bring your own table service, and drinks, (no alcoholic beverages allowed per City ordinances), and a passing dish. Be sure to bring your cameras and be prepared to enjoy a great meal and lots of good fellowship and fun. Details of all chapter events are announced every Sunday at the beginning of the regular net, so be sure to join us on the net whenever you can.

It is with great pleasure that we announce the selection of the recipient of the Michigan Chapter 10, QCWA Meritorious Service Award for 2004, which will be presented to Mr. Dale Cryderman- N8EIZ, of Spring Arbor, MI. This prestigious award will be presented to Dale in recognition of his many years of devoted service to our Chapter and the QCWA. Dale has served as a regular net control station for many years and has been very active in all of our Chapter activities. He has been exemplary in his dedication to Amateur Radio by promoting good will and always offering assistance when called upon. Due to recent health problems, Dale has had to "retire" from some of his duties, but continues to be an active member on our weekly net. Dale, a retired Minister, and affectionately known as our "Chapter Chaplin", along with his lovely Wife, Dorothy, have made many life long friends with all of the members of our Chapter, and we wish them continued happiness in their retirement years.

Due to time requirements for the submission of Journal articles, this is being written in late December of 2003, so by the time that you read this, it will be Springtime, and all of nature's beauty will be showing, the grass will be growing, cold weather gear will be put away for another season and all of our favorite outdoor activities will be waiting for us. We hope that everyone had a wonderful Holiday season, and wish all of you good health and happiness.

With the upcoming Memorial Day Holiday, we wish to convey our thoughts and prayers for all of our past "Silent Keys", loved ones, and for all of those who made the "ultimate sacrifice" to defend and make our great Country what it is today. Have a safe and healthy Spring and Summer, drive carefully and look for more pictures and news from the great State of Michigan in the QCWA Summer Journal, from all of us here in Chapter 10.

James F. Bishop W8JFB - Secretary/Treasurer

Chapter 11, Northern California

Chapter 11 NORCAL (Northern California) meets on the third Wednesday of each month for lunch at Harry's Hofbrau in Redwood City, CA, on El Camino Real just north and west of the intersection of Highway 84 (Woodside Road) and El Camino Real. We gather for fellowship at 11 AM in the bar area and start lunch about half an hour later. Meetings are informal. Please come and join us!

Please read the Chapter 11 website at www.qsl.net/qcwa-11 for more information about the Chapter and its activities.

Chapter 19, Missouri

Missouri Chapter 19 continues to meet the second Saturday of each month for lunch and fellowship. We try to have a presentation or video at each meeting. At the

November meeting, member Merle Bone W?EWM, gave a very informative talk on antennas and their effectiveness over various distances. Our vice-chairman Roger Volk K?GOB, attended the national QCWA convention. Roger reported that he and the xyl had a lot of fun, but was disappointed with the turn out. Our Chairman Ken Scott W9VHL, had surgery on his right shoulder rotator cup, after an accident at work. We all hope Ken recovers completely, as he is an avid CW operator.

Our chapter will be manning a booth at the upcoming Winterfest Hamfest on January 24. Information on QCWA will be passed out. We have been very successful at this annual hamfest recruiting new members for QCWA and our local chapter.

Our chapter also participates in a weekly net. The net control is Ken Scott W9VHL. This net meets every Wednesday evening at 7:00 pm on two meters at 147.150 Mhz. If you are visiting the St. Louis area, please check in.

John Germanos WB9PNU - Secretary/Treasurer

Chapter 21, Canton, Ohio

The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio, was held on November 15, 2003, at Skyland Pines Rustic Lodge, Canton, Ohio. There were 24 members and guests present.

Introductions were made including new member, Judy McCune N8AIM. Other members who have joined Chapter 21 recently are: Jack Bennett W8WEN, Andy Hogue W8DIR, Walter Strawman WA8PVS of Akron, and Roger Scritchfield WD8ITD also of Akron.

An election of one director for a term of two years was held. The nominees were: Stanley Smith WA8NZE, incumbent, Dennis Moriarty K8AGB, and Mel Vye W8MV. Upon vote by secret ballot Mel Vye W8MV was elected a director.

Information and newsletters were sent to 12 prospects from the Massillon, Ohio, ARC Hamfest. Information from the QCWA Reflector called attention to prospective member in Akron, and the notice that Jim Walsh W7LVN, Gen-



Massillon, Ohio, ARC Hamfest: (L to R) David Polen W8FRB, David Glass W8UKQ in QCWA hat registers a possible member, and Editor Joseph Vignos W1FEZ. Digital photo by Ed Clinger WA8DRT.



Chapter 21 Board: (L to R) New director Mel Vye W8MV, president Perry Ballinger W8AU, Secretary David Glass W8UKQ, vice president Kay McCune W8LNK, director Ed Clinger WA8DRT. Digital photo by Joseph Vignos W1FEZ.

eral Manager of QCWA, is leaving his position December 31.

Vice president Kay McCune W8LNK introduced the program which was given by Carole and Al Messenger of Massillon. They described their experiences hiking the Appalachian Trail over the period of nine years by traveling two to four weeks each year. They displayed and demonstrated the equipment they used. They related stories of adventures on the trail, people they met, and friends they made.

Last July, several members of Chapter 21 visited LST 325 in Jeffersonville, IN. LST 325 was acquired recently by The USS LST Ship Memorial, Inc. from Greece. The 2003 river cruise on the Mississippi and Ohio Rivers was to raise funds for it's restoration. Chapter 21 president, Perry Ballinger W8AU, was the LST 325 radio officer for three weeks on the river cruise. Other interested members were Joseph Vignos W1FEZ, a radioman on LST 744 in the Pacific, Nelson Caley W8EAR, a radioman on a Liberty Ship, similar to the S. S. John W. Brown, and David Glass W8UKQ, a technician with Squadron VX-3. XYLs and family accompanied the members on the visit.

David Glass W8UKQ - Secretary

Chapter 30, Reactivated WV

After several months of searching out members around the state, a group of ten QCWA members got together in September to reactivate the chapter. Art Ellis, W8PBO was elected president, Arnold Sayre, W8WVM, Vice President and David Mays, W8UI, secretary/treasure. So far a total of over 35 members around the state have agreed to support chapter activities.

The next formal meeting will be a noon luncheon, May 1, 2004. That meeting will take place at Western Sizzlin Steakhouse, Exit 99 off I-79 at Weston, WV. The chapter also plans to have informal gatherings at all the hamfest around the state. Watch for the banner at these events and stop by to see who is there.

Chapter Reports



Standing left to right: KU8C, W8GUL, W8PBO, KA8WNO, W8UI AND W8WVM. Seated left to right: W8OP, WA8YCD and WA8WCK.

The chapter will hold an informal net on the first Sunday afternoon of each month at 3 PM on 3865 kHz.

Contact any of the officers for additional information or watch for announcements on our web page by going to <http://www.qcwa.org/chapter030.htm>

Chapter 35, Midcontinent

On Saturday Dec 6, 2003 several members of Chapter 35 gathered at the Marshall Ensor Farmsite and Museum just south of Kansas City to witness the event of Marshall's call, W9BSP being put on the air for the first time since Dec 7, 1941. Marshall started as 9BSP, then was W9BSP and after WWII was WØBSP. The first QSO was a schedule on 18.160Mhz with Mark Spencer, WA8SME, operating W1AW in Newington, CT. This event culminates 20 months of ambition on our part, to re introduce the call letters of Marshall H. Ensor.



From left to right: Larry Woodworth WØHXS Director Ensor Museum, George Yanish KØGY and Wilbur Goll WØDEL President Chapt 35.

(1899-1970) Marshall, the only son of Jacob and Ida Ensor, lived his entire life on this farm. However, he earned his living as a public school teacher in Olathe. Marshall began teaching industrial arts in 1915 and except for a period during World War II, he taught at Olathe, High School until his retirement in 1965. Marshall and his sister were both very active in amateur radio

and operated a ham radio station for fifty years. In 1940, Marshall received the Paley Award. Each year, William S. Paley, the president of CBS radio, would honor one ham radio operator. Ensor became Paley's third and last winner for his efforts in teaching code lessons over his station for ten years, and for helping more than 10,000 listeners become proficient operators. The radio transmitter is still in the farmhouse kitchen as it has been since 1937.

Find out more about the Ensor Museum at <http://www.w9bsp-w9ua.org/>

Report and photo submitted by Bob Roske NØUF - Chapter 35 Webmaster

Chapter 45, Citrus

The members of Chapter 45 are gearing up for the Orlando HamCation in February. We have a booth reserved at a very good location in the main building of the Fairgrounds. Members man the QCWA table and work with Orlando Amateur Radio Club in the operations of the HamCation.

We are looking forward to having the pleasure of welcoming, not only our local Ham friends, but out of the area friends. Croft Taylor VE3CT, QCWA President and Arthur Kunst W3WM, QCWA director have indicated that they plan to be in Florida after the first of year and will join us at the HamCation. Art is a member of Chapter 45 and we look forward to having him and XYL Sylbia at our regular monthly meetings.

December is our Annual Meeting with election of officers. David N. Flagg N4BGH was elected Vice-President. The Secretary was re-elected for another term.

On December 14th the Chapter held an informal meeting at the Golden Corral Buffet Restaurant in Altamonte Springs. These get-togethers are particularly enjoyed by several of our members that cannot attend our regular monthly meetings, still being in the work force. The next meeting is scheduled for March 7th, 2004 starting at about 1:00PM. Any visiting Hams are welcome. Inform the cashier that you are with the QCWA group. They will direct you to the room we are meeting in.

The Chapter holds its regularly scheduled meetings on the third Wednesday of the each month at the Picadilly Cafeteria, 1840 E Colonial Drive, Orlando, FL. We usually begin lunch at about 11:30AM and the formal meeting gets under way about 12:30PM. Any Ham in the area is welcome to join us.

The Chapter operates an open repeater, W4PLA, on 147.195mhz, with a scheduled net at 1930 local time on Tuesday.

Paul A. Turner W1DLP - Secretary

Chapter 49, Peach State

Our annual Christmas meeting was held on Dec. 6, 2003. We had 8 members, 2 'Friends' and one spouse present. This was our annual gift exchange meeting and biennial election. Officers elected to serve for 2004-5 are: Mike Swiderski K4HBI, President, Jerry Lofstead W3CDE, VP, Bob Lear K4SZ, Sec/Treas and directors Frankie Womack W4BJT, Fred Runkle K4KAZ and Sandy

Donahue W4RU. The gifts were great as usual and all had a good time. The members voted to begin having meetings bi-monthly rather than quarterly and we will attempt to have varied locations to bring meetings closer for other metro area members. Dates and locations will be published in our chapter NL and on our webpage www.mindspring.com/~w4gbu/qcwa.htm



New Chapter 49 Officers for 2004-5: (standing) Frankie W4BJT, Mike K4HBI and Jerry W3CDE, (seated) Bob K4SZ and Fred K4KAZ.

New members joining Chapter 49 during the past year include: William Schenkel WA4EGV of Athens, Tony Stalnaker WA4LPJ of Thomaston, George Clement KE4AK of Powder Springs, David Thompson K4JRB of Norcross, Bill Wilson KJ4EX of Winder and John Elicker N4FAI of Lilburn. Welcome to them all.

With sadness we report these SK's for 2003. Inactive members Don Fisher KV4N of Decatur, Mike Branca W3IRZ of Conyers, Warren Ford KB4MC of Lithonia and two active long time members who held several officer positions with the chapter over the years, Phil Goodman W5YVT of Marietta and Marvin Ollendorf W4HAH of Newborn.

Bob Lear K4SZ

Chapter 53, Suncoast

A total of 26 Suncoast Chapter 53 members and friends gathered at our 05 November 2003 luncheon meeting. Following the business meeting, Jack Sproat-W4JS told of how his great-grandfather, at the age of 29, had driven 600 head of cattle along the Fremont trail to California in 1850. As Kit Carson had been John Fremont's most noted guide, Jack had an interest in both those historical figures. Consequently he learned of Carson's brutal roundup and scorched earth policy against the Navajo Indians in 1864 at their last holdout in the Canyon de Chelly, Arizona. Following that introduction, a video entitled "Canyon de Chelly Through Navajo Eyes" was shown.

We had 24 members and friends at our luncheon meeting on 03 December 2003. Following lunch, the business meeting and annual election, Bob Officer-WA6WAY discussed the use of the reverse osmosis (RO) process for the conversion of seawater into potable

water for drinking, cooking and bathing. Bob then demonstrated the process, using the RO unit that was installed on his 51' trawler when he was cruising through the Caribbean islands. All present had the opportunity to drink some of the processed water and "toast" Bob's presentation.

Suncoast Chapter 53 has a luncheon meeting the first Wednesday of every month-October through May-11:30 AM at Denny's, 3701 Bee Ridge Road, Sarasota, FL. NOTE: This is a change from our long-time schedule! All QCWA members living in, or visiting, the Florida Suncoast area are always welcome.

Jack Sproat W4JS - President

Chapter 65, Niagara Frontier

Thirty-one attended the annual dinner meeting and Christmas Party on December 13th at our chapter's usual home, The Flying Tigers Restaurant, just north of the Buffalo-Niagara International Airport. At the annual meeting officers and directors were elected for a three-year term. President/Treasurer Tom Whalen, W2QI; Vice-President Larry Rybacki, WA2ARA, Secretary Bob Rooney, W2AET. Directors elected include: Dan Clark, N2DC; Hank Kuhn, W2IRU; Norm James, W2VEX; Jack Bratty, KT2V; Bob Jones, W2OZT; Lorraine Jones, K2ZVS; Gil Brink, W6BNW and Marv Hess, W2WKU. Just before our annual meeting on December 11th, longtime chapter member, Art Graff, W2WEX, joined the Silent Keys. Art was a retired broadcast engineer who had worked at WBEN in Buffalo. Now that Spring is nearing, we remind traveling QCWA members of our monthly meetings at the Flying Tigers, the second Saturday of every month at 12 Noon. Visitors are most welcome.

Bob Rooney W2AET - Secretary

Chapter 67, Austin, Texas

The Austin area chapter has been meeting for lunch on the third Saturday of the month. Current President is Milt Cram W8NUE, Vice President is Bil Henson WB5SYS, Treasurer is Roger Wines W5WIA, and Secretary is Keith Zimmermann K5WX.

Our October meeting was our best meeting of the year with over 25 people with ages ranging from 8 to 86 packed into our meeting room at Bevo's Restaurant! Officer Mike Crumrine, of the Austin Police Department, spoke to our members and guests on remaining calm in emergencies, using proper notification procedures, the do's and don'ts of confronting bad guys, and basic homeland security issues.

Our Treasurer, Roger W5WIA, contributed to Officer Crumrine's discussion on Homeland Security issues at the October meeting. Roger provided Officer Crumrine and our group with information on how the local amateur radio operators are currently assisting with emergency preparedness. Roger is active as a member in the Austin Police Department Civil Defense Battalion and the Central Texas Citizen's Corps Council. He's also Vice President of the local REACT group, Treasurer of the Austin Amateur Radio Club, the usual net control station for the local severe weather net, and who knows what else! He even initiated and organized and promoted the Austin Radio Roundup swap fest that was held in November.

QCWA 2004 INTERNATIONAL CONVENTION

Hosted by National Capital Chapter 70
OTTAWA, CANADA - OCTOBER 15-16-17

Our convention this year takes place in the Lord Elgin Hotel - a newly renovated hotel located in downtown Ottawa. This is a great location situated just steps away from the Canadian Parliament Buildings and within walking distance of the National War Memorial, the Centennial Flame, the Rideau Canal Locks, the National Arts Centre and the United States Embassy. Shoppers have a choice of walking to the Sparks street shopping mall, the Rideau Centre enclosed mall, or the Byward farmers market. The Byward Market is also the centre of Ottawa's night entertainment district, with restaurants, nightclubs, bistros etc. A block of rooms has been reserved for QCWA guests. Just phone 613-235-3333 and make your reservation.

Our QCWA Convention rate is
\$128.00 Canadian funds (\$98.94 US Funds in December-2003).

We will be following a format similar to our 1996 convention. Our executive and directors arrive on Wednesday for an all day board meeting. Thursday our hospitality suite will be open for early convention arrivals, with talk in on the local 146.34/94 repeater. Registration opens early Friday, with amateur radio sessions taking place during the day Friday and Saturday. A bus tour of the city is also scheduled for Friday along with a Friday evening "meet and greet". Saturday morning has a scheduled breakfast and our Annual Banquet takes place Saturday evening. (This year we have a choice of Salmon, Chicken or Beef -be sure you indicate on the registration form). For those who can stay Sunday it's sleep-in until our QCWA Brunch, and then we're off by bus to the Steam Train terminal for a 4 1/2 hour trip up the Gatineau River valley to see the fall foliage. In '96 we had enough participants to have our own railroad car. So lets try for 2004! If you decide to stay on there are many Museums, Parks and Historical sites to visit in Canada's Capital.

For Info.....www.qcwa.org/2004convention.htm George Roach 613-234-0885

COMIE ONE - COMIE ALL!

Advance Registration **2004 QCWA National Convention**

Ottawa Canada

15-16-17 October 2004

Hosted by:

National Capital Chapter No. 70

at the Lord Elgin Hotel, 100 Elgin Street. Ottawa

Ontario, Canada, K1P 5K8



(A block of rooms has been reserved at \$128 Canadian, single or double. Taxes/parking are extra with the parking including in & out privileges. Contact the Hotel at 613-235-3333 /fax 613-235-3223 before September 15, mentioning QCWA Convention to ensure the special rate).

Name _____ Call _____ QCWA#(if any) _____
Spouse/Guest _____ Call (if any) _____
Mailing Address _____
City/Town _____ Prov./State _____ Code/Zip _____
Telephone () _____ E-Mail _____

(For your convenience the following rates have been shown in both Canadian & US funds rounded to the nearest convenient amount. Please remit using whichever currency you wish)

Registration	No. Req'd	Cdn Funds	US Funds
Amateur Registrant	_____	@ \$20.00	@ \$17.00
Spouse/Guest	_____	@ \$ 5.00	@ \$ 4.00
(NOTE: You must pre-register to attend functions listed below)			
Saturday Buffet Breakfast (incl. tax & grat)	_____	@ \$15.00	@ \$12.45
Saturday Banquet (Supreme of Chicken)	_____	@ \$42.00	@ \$35.85
(incl. tax & grat.) (Atlantic Salmon Fillet)	_____	@ \$42.00	@ \$35.85
(Beef Medallions	_____	@ \$42.00	@ \$35.85
Sunday Brunch (incl. tax & grat)	_____	@ \$25.00	@ \$20.75
Friday Bus Tour of the City - 1 1/2 hr.	_____	@ \$15.00	@ \$12.45
Sunday Steam Train Foliage tour	_____	@ \$53.00	@ \$45.00

(incl. bus from Hotel to terminal & return)

TOTAL (CDN) _____ (US) _____

Queries may be made via Internet at ve3njh@rac.ca or telephone 613-727-2769. Advance registration must be received by September 31, 2004. Make check or m.o. payable to : ' QCWA Chapter 70/2004 Convention' and mail to : Donald Heaslip, 1281 Erindale Drive, Ottawa, ON Canada K2C 2G3. For updates go to ' www.qcwa.org/2004convention.htm

Chapter Reports



Roger Wines W5WIA (left) and President Milt Cram W8NUE (right) discuss Homeland Security issues at the October Ch. 67 meeting.



Bil Henson WB5SYS (left) sits across from his father Jim Henson, Sr. W5BVN and new ham Karl Olson KD5ZIM at the October Ch. 67 meeting.

Our QCWA Chapter 67 participated in the November Austin Radio Roundup by organizing the food service. This entailed purchasing coffee and doughnuts (essentials!) and breakfast tacos, sausage, cookies, chips, assorted snacks, and soft drinks. Betty Wiley KD5DTC, made and sold lots of homemade sandwiches with the assistance of Chapter 67 Director Smokey Wiley K5RDJ. Bil WB5SYS, and Keith K5WX, and others worked the food service until the event closed. Our banner was proudly displayed to over 300 folks who attended the swap fest.

Chapter 67 has continued to provide on-the-air code practice sessions every Wednesday night at 8 pm on the 146.78 repeater. Response from local amateurs and non-amateurs wanting to learn code has been good. The text for the weekly code practice is posted on the web site of Chapter 67 at www.qcwa.net.

Our December meeting location had to be shifted at the last minute to an adjacent restaurant. It seems that we continue to put restaurants out of business! Planning for 2004 was initiated at our December meeting.

Keith Zimmermann K5WX - Chapter Secretary

Chapter 73, Fred Hammond

Our Fall meeting was held on Saturday, 4 October 2003, at the Plainsman Restaurant. A distinguished guest, Robin Haighton VE3FRH, president of AMSAT North America told us about the symposium to be held in Toronto later in October.

President Tom Atkins read the list of silent keys, Gale Moore VE3OUN, Banner Edwards VE3SU, Jack Fortune VE3VO and Ed Hughes VE3WU.

Our scholarship committee, consisting of Mary Card VE3FEB, Jim Cull VE3ND, Earl Mann VE3EHM, Jack Macquarrie VE3AWY and Ann Nutter VE3HAI, had its first meeting in September. Three scholarships of \$500 each will be offered. Application forms will be available from the Secretary Treasurer early in the New Year.

Paul Cassel VE3SY gave us a fascinating talk and live demonstration of buying and selling on e-bay



Paul VE3SY setting up a live e-bay connection.

Ernie Crump VE3OU, has resurrected our Chapter Net to be held on the first Wednesday of every month at 10 A.M. on 7055 KHz as part of the Transprovincial Net held seven days a week, all day on this frequency. Net Control will be VA3QCW.

Ernie has also been very busy at his task of Membership Chairman. You can see the smile on his face as he sits having lunch with his new recruit, Dr. Robert (Bob) Barton VE3FVF.



Left Bob Barton VE3FVF, Right Ernie Crump VE3OU.

Visit our Chapter Web Site: <http://www.kwarc.org/qcwa>

Pictures courtesy of Mary Card VE3FEB

Our next meeting will be 1 May 2004 at The Plainsman.

Keith Bentley VE3DHL - Secretary Treasurer

Chapter 91, Vic Clark

Chapter 91 missed its deadline for the Winter issue, so you'll find a summary of the events that entertained us during the last half of 2003 below.

In July, the chapter held its Annual Awards Banquet. It was an evening affair at which 37 members and guests enjoyed each others' company and generous helpings of good food served by the staff at Neighbor's Restaurant. President John Johnston W3BE, led us down a trail of memories, citing the innovations and highlights in amateur radio that occurred during the years when various members were first licensed.

The first group recognized were those present who were first licensed 25 to 49 years ago. The second group recognized were those who qualified for one or more of certificates awarded by QCWA for 2003. The third group recognized were a few "All Stars" who best exemplify the purposes of the Amateur Radio Service as cited in Section () 97.1, Chapter 1 (FCC), Title 47 (Telecommunications), of the Code of Federal Regulations (CFR).

The names of all of those honored are posted on our website, along with the photos of some. The photo here shows Howard Cunningham WD5DBC, being recognized for his role in enhancing "...the value of the amateur service to the public as a voluntary non-commercial communication service, particularly with respect to providing emergency communications."

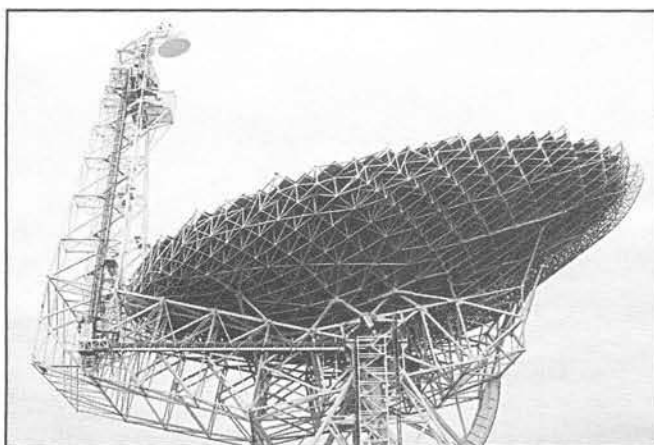


Howard Cunningham, WD5DBC

In August, John Johnston W3BE, drew on his experiences with the FCC to provide us insights into the FCC's licensing rules and renewal procedures. He closed with a couple of comic videotapes made for two Seaside, OR, hamvention banquets. One of those illustrated what can happen if you forget to renew your license, but continue to operate anyway. Cast as the trench-coated FCC inspector who comes knocking on the expired licensee's door was none other than W3BE himself.

In September, Hurricane Isabel left a trail of broken trees, downed power lines, and other woes in her wake. However, John, W3BE, & Betty, N3PKX, Johnston opened their home for our annual picnic the following Sunday. We elected to stay inside to enjoy each other's company, fill our plates from the excellent feast prepared by Betty, and play bingo for prizes. Ray Johnson K5RJ, did an excellent job grilling the hamburgers and hot dogs.

In October, Chapter 91 made a return visit to the National Radio Astronomy Observatory (NRAO) near Green Bank, WV. Our first visit was in June 2000, just two months before construction of the new Green Bank Telescope (GBT) was completed and saw its "first light." The GBT is the world's largest fully steerable radio telescope, weighing in at 16 million pounds. The photo shows the completed dish and its off-axis feed arm.



Green Bank Telescope

More recently, the GBT has been undergoing a series of shakedown tests and refinements, so the radio astronomers have been getting only about 50% of the viewing time. So far, it has been used to observe a maelstrom produced by two colliding galaxies that are some 140 million light-years away from us. The GBT permitted astronomers to discover a very dense region in the early universe that is just 10 light-years across and contains more than one million new stars.

After the NRAO tour, we drove over to Cass, WV, to ride the scenic railroad there. Shay engine #5 alternately pulled and pushed us up the mountain to Whittaker Camp, elevation 3264'. It turned out to be a beautiful fall day with the leaves on some of the trees already glowing in yellow and orange hues against the green of the evergreens.

In November, Ed Redington Jr., W4EBR, and a member of our chapter who now lives in Wilmington, N.C., drove up to Vienna, VA, to show us a replica rotary-spark transmitter built by his dad, W4ZM (SK), and a videotape made of his dad demonstrating it in 1975.

In December, our annual Holiday Luncheon was held at the Marco Polo Restaurant. Sixty-one members and guests attended. Our featured speaker was I.J. Hudson K9ICF, who hosts a daily technology segment called The

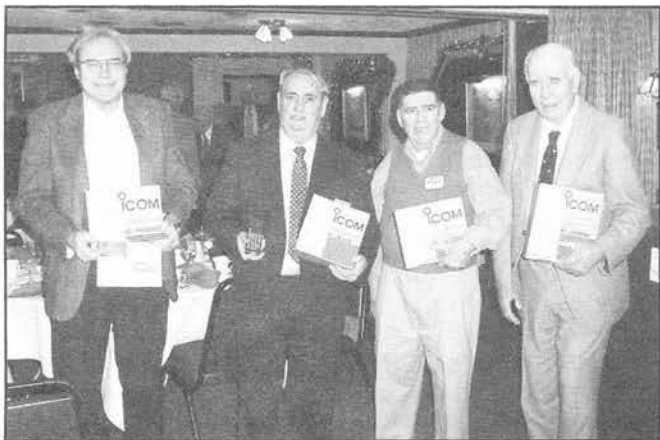
Chapter Reports

Digital Edge on NBC's Channel 4. At the conclusion of his talk and Q&A session, our president, John Johnston W3BE, surprised I.J. with memberships in QCWA and Chapter 91. I.J. was warmly welcomed into the chapter.



I.J. Hudson, K9ICF

Santa, who looked suspiciously like our new VP, Len Hook (KG6ZR) wearing a red cap, saw to it that every lady present selected a wrapped gift of her choice. After that, tickets with the call signs of the hams present were drawn to determine which ones would take a



ICOM transceiver winners

brand new ICOM transceiver. The lucky winners were, left to right, Bill Scholtz, W3HXF; Frank Haynes, W4NUA; Dave Weisen, K2VX; and Lew Bradley, W4SWP. Bill is holding an IC-V8000, Frank an IC-W32A, Dave an IC-2720, and Lew an IC-2100H.

Since space is limited here, be sure to check out the full stories and all the photos covering these events on our website:

homepage.mac.com/rrucker/chapter91.html

Dick Rucker KM4ML - Secretary

Chapter 100, East Georgia

Chapter 100, East Georgia held its December dinner meeting on the 11th due to over crowding on the calendar. There were 28 members and guests present. Some were not available for various reasons. But at our annual December dinner meeting we have shopped from a list provided by the Abused Children's Home. It contains various items the children would need for the coming year. This is an annual event for us.

In the photo I am presenting one of the items to the Director of the Abused Home. She had given us a report on the type of children they receive, and from whence they come. All the members present come with many items on the list. We were able to fill the back seats of two automobiles; our Christmas present to those in need.



Our next dinner meeting will be in February.

Don Anderson K4PSW - President.

Chapter 102, Dakota

We would like to extend a welcome to Jerry Hawley-KGØGG who is located in Belle Fourche, SD; he is a new QCWA and Dakota Chapter 102 member. Jerry is also the ARRL's South Dakota Section ARES Coordinator. The following chapter 102 members attended the Crazy Horse ARC's regular October monthly meeting and dinner at the Rocking "R" Restaurant and Lounge located near Hermosa, SD. Scott-WAØSEZ, Jerry-KGØGG and Frank-NUØF. Dan-WØNBX was in the hospital with a leg problem, he said he is getting along ok now.

After recovering from an operation, Frank-NUØF is again conducting computer classes for seniors at the local senior citizen center. He was also part of the Black Hills ARC VE test team who administered tests on Oc-

tober 15th at the SDSM&T. QCWA members. Attending the Deuel County ARC's auction and chili feed held in Clear Lake, SD were; Arnold Krusemark-KØYVI, from Carrollton, TX, and SD hams; John Clouser-WØAZJ, Lloyd Timperley-WBØULX, John Lellelid-KAØDEZ, and John Griffith-NØMEA.

On December 5th and 6th Chapter 102 members Scott-WAØVKC and Dan-WØNBX, were part of the Black Hills ARC efforts, operating the special event station at the Rapid City National Weather Service Office, during the Skyward Recognition Day sponsored by the National Weather Service. The Chapter 102 President Frank-NUØF said he wished to thank the following chapter members, who served last year as Net Control Stations for our Sunday morning net; Dave-KØERM, Art-KØQQ, Roger-KØROG and Roland-WØYMB. Frank-NUØF and his wife, who are also Crazy Horse ARC members, attended their annual Christmas dinner. The club picked up everyone's dinner bill and gifts were exchanged. All had a good time.

Roger Kehm-KØROG - Vice President

Chapter 110, Kansas

Held their Fall meeting December 6th 2003 at 11:30 am at Coyote Canyon Salina, KS. with all you can eat Steak and Buffet. What a wonderful meal was enjoyed by all 36 Members and guests. After lunch the meeting was called to order by Wendell WØTQ.

After a round of introductions of Guests and Members the Sec/Tres gave report of last meeting and a treasurer report and all approved.

President asked election committee to take over. Their slate was presented and the outcome is, President Wendell WØTQ, VP Dave WØFCL and Sec/Tres Alvin WAØYXK.

Alvin asked about getting more activity among its members and hopes to have a drawing among club members who send their log in and also a copy to Alvin WAØYXK to enter them in a drawing among club members.

Next meeting you be held in Lindsborg, Ks. in last part of March 2004. Meeting adjourned and more eye ball QSO'S and Christmas shopping.

Alvin Wiechman WAØYXK - Secretary/Treasurer

Chapter 138, Marconi

The QCWA Marconi Chapter 138 held two quarterly meetings in October because we have been having trouble getting a quorum at our meetings. A questionnaire was sent out to the members to determine their preference for a meeting time and place and they responded by being evenly divided between a Saturday breakfast meeting and the traditional Tuesday noonday lunch meeting. So, we held a breakfast meeting on Saturday, October 4 at the Bedrock Diner in Bradley Beach but only had 8 members attending. Since the quorum of 11 members was not achieved, it was decided to record the vote on any measures and then bring them up again at the second meeting held at noon on Tuesday, October 7 at the Colts Neck Inn. It was hoped that the combined attendance at both meetings would constitute a quorum. Since 9 members attended the

second meeting (6 of whom had not attended the Saturday meeting), a quorum was achieved.

The questionnaire also asked about our annual awards dinner. The majority of respondents preferred a formal dinner on a Sunday afternoon rather than a summer picnic. Few indicated that they would pay extra for live music but most preferred a guest speaker instead.

The members were generally happy with our weekly two-meter net on Tuesday night at 9 PM.

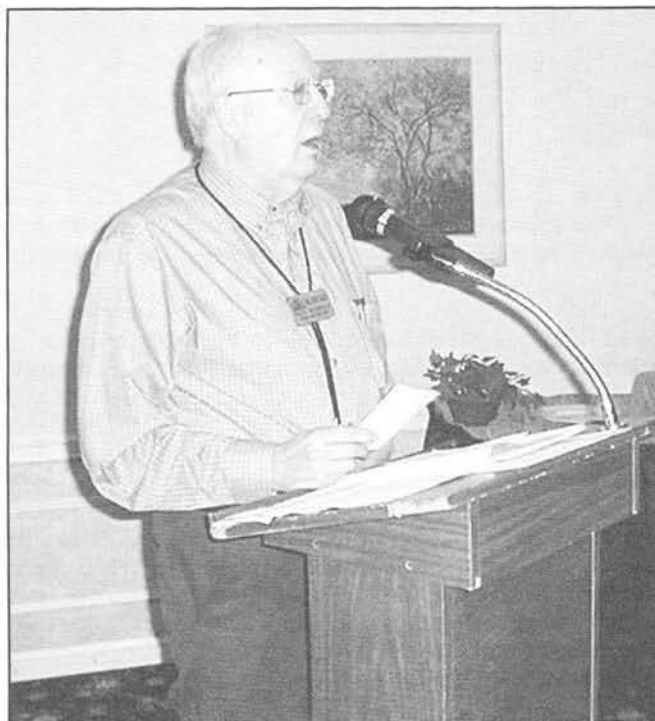
The members at the two meetings agreed to support the Infoage Learning Center with a lifetime membership of \$150. We also agreed to donate \$100 to the ARRL to aid in the fight to protect our spectrum.

We sadly report that Chapter 138 charter member Earl Korf, K2IC became a silent key on Sunday, November 23 at the age of 99. First licensed in 1919 as 6WX, Earl had a colorful career as a shipboard radio operator, aircraft radio operator and aircraft navigator. An avid mountain climber, Earl climbed the Matterhorn at age 50, climbed Mt. Hood at age 76 and climbed his last big peak at age 79 when he decided he was getting too old for that kind of thing. Besides QCWA, Earl belonged to the ARRL, AWA, IAAH, MTC, OCHN, OOTC, OX5, SOWP, VWOA, VFW, and RPN. Until the last few months of his life, he was on the air daily active on many nets. May Earl, K2IC - SK rest in peace.

Bob Buus W2OD - Secretary

Chapter149, Nutmeg

The Nutmeg Chapter149 held its quarterly meeting On Saturday, November 8, 2003 at G Williker's Restaurant in the Clarion Inn in Groton, Ct. Thanks to our Host Paul Taylor, K1AFI. Forty-two members and guests attended. President Rich



Chuck Walbridge, KIIGD

Chapter Reports

Monahan, K1FPP called the meeting to order. Each member made self-introduction, many being very witty and informative. Tom Guadiana, W1DCM, gave the invocation.

After our buffet meal our National Secretary and chapter member, Chuck Walbridge, K1IGD gave us a presentation on affairs and events on a national level. Our new Webmaster, Roy Hilt K1JNR, addressed us on our new web site he created. The site is located at <http://homepage.myeastern.com/~qcwa149/>. Our meeting ended with a raffle of many gifts purchased by Norma Moskey, W1MUW and donation of a G5RV antenna by Tom Evans, W1JC.

Our next meeting will be on February 14, 2004 (Valentine's Day) at Paradise Restaurant in New Britain.

Rich Monahan K1FPP - President

Chapter 151, Wild Rose

Greetings from Chapter 151, Calgary AB, Canada. Our Chapter operated a QCWA table at the Calgary Amateur Radio Flee Market on Nov 1, 2003. Chapter president Ken Oelke VE6AFO and his good wife Linda-Lou VE6LGO spent their day explaining and signing up new members to Chapter 151 QCWA. There were about 90 hams at the flea market and it was a good opportunity to "spread the word" about the QCWA.



From left to right: Ken Oelke VE6AFO and Linda-Lou Oelke VE6LGO at the Wild Rose Chapter 151 Fleamarket.

The wheels are beginning to turn for the planning of the QCWA 2006 Convention to be held in Calgary Alberta, our club being the sponsor. We are also quite excited about sponsoring a local school as part of the Radio Amateurs of Canada Youth Education project, and have recently installed receivers and antennas for HF/VHF and UHF in a Science classroom. The Teacher is working on getting his Amateur Certificate and we have provided on air conversations for his class to listen in on. This same class will also be involved with "Kids Day" on January 4, 2004. Hopefully 20 meters is good enough for good communications with other Kids Day stations throughout North America.

Al McNeil VA7QQ - Secretary

Chapter 154, Leo Meyerson

After five months of inactivity (we snowbirds leave the desert during the summer heat), Chapter 154 held their November monthly luncheon at the Palm Desert Greens Country Club. The first order of business was the election of officers for the coming year. Those elected are: Gene Pentecost, W4IMT, President, Emil Oana, K6LGI, Vice President, and Bill Dews, K6AWO, Secretary/Treasurer. Norm Friedman, W6ORD, elected to step down as long term Secretary/Treasurer. The chapter presented a plaque to Norm along with our sincere gratitude for his contributions.



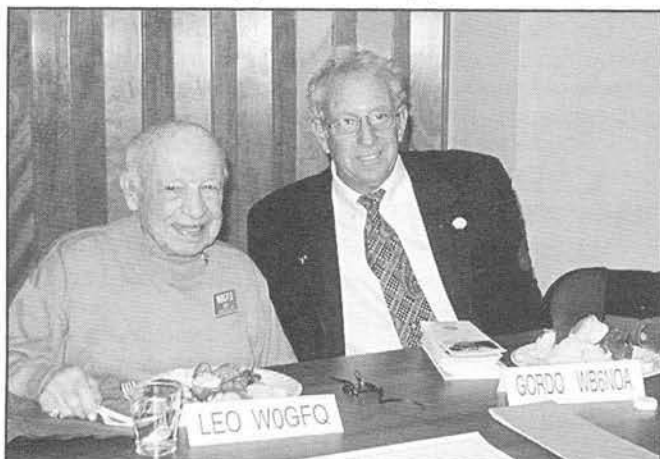
Norm Friedman W6ORD and Gene Pentecost W4IMT.

John Aiton, W6HAG, received the QCWA Century Club award. Not only is John a long time member of QCWA, he has been a ham for over seventy years. We are proud of John for his contribution to ham radio.



John Aiton W6HAG and Gene Pentecost W4IMT

Leo Meyerson, W0GFQ, returned to the Coachella Valley just in time for the annual holiday party for all hams in the area. Chapter 154 participates in the activity along with the two local amateur radio clubs. Over one hundred came to partake of the potluck dinner, program, and door prizes. This year, Gordon West, WB6NOA, and his wife Suzy, N6GLF, presented the program. Most hams know of Gordo, a QCWA member, because of his instructional course, programs, and participation in ham activities. Leo and Gordo have known each other for many years and enjoyed a reunion.



Leo Meyerson W0GFQ and Gordon West WB6NOA.

Gordo's program was absolutely outstanding! Both hams and non-hams enjoyed his "show and tell" presentation of equipment. The flea market bargain radio immediately began to smoke. But his toilet seat code key was the hit of the evening!

We look forward to a great season here in the Coachella Valley.

Gene Pentecost W4IMT - President

Chapter 162, Southeastern Wisconsin

The Chapter's annual meeting and Director election occurred on the last Sunday in October at Old Country Buffet in Racine. As has been the custom over the ten-years, the Chapter picked up the cost of the member and their guest's meals. OCB was selected this year as so not to slam the club treasury too hard and allow are club's annual membership fee of \$3.00 to go a little farther. Three directors were elected by the membership, Ron Fox, K9AKH; Lloyd Gorsiski, WB9RGO; and Ed Konicek, W9NVK; who join fellow directors, Ken Knoff, N9NBC; Chuck Knotek, W9GKM; and Gene Haney, WB9ZKY to select the 2004 officer. Lloyd, WB9RGO, and Ron, K9AKH were retained as President and Vice-President respectfully; Ken, N9NBC was selected as Secretary/Treasurer. Director Al Algiers, W9HR was unable to attend the meeting.

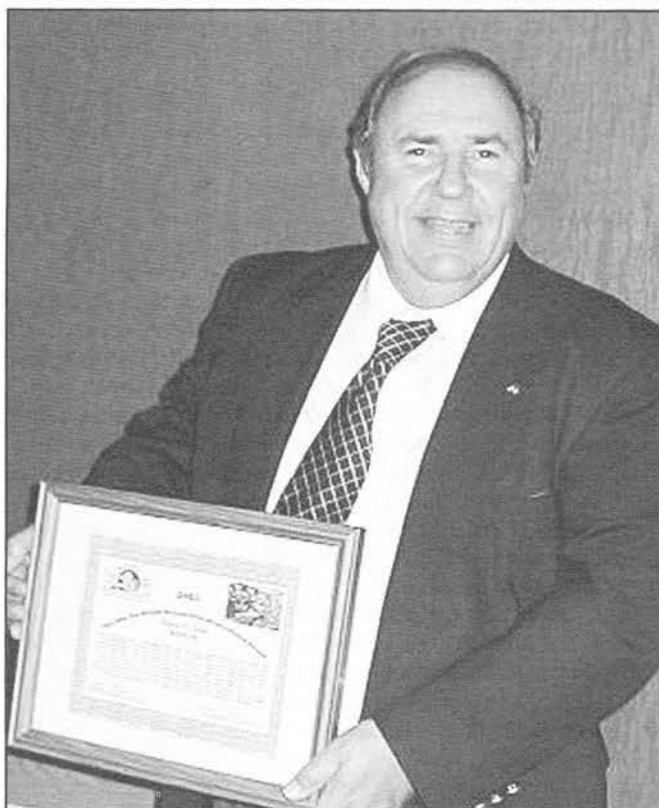
Bob Jensen, W0WLN our Chapter's Charter Secretary/Treasurer opted not to seek reelection; ending a 15-year flawless career in that position. Meticulous records were handed over to N9NBC, who is off to a great start. I am overly glad that I do not have to try and fill those shoes. As that position was held by a very

big man. Bob, from every Chapter 162 member, current and past, please accept a very big standing ovation for a job extremely well done.



The 2004 Chapter 162 Board of Directors pictured left to right in back row is Chuck Knotek, W9GKM; Ed Konicek, W9NVK; and WB9ZKY. Front row is Ron Fox, K9AKH (VP); Lloyd Gorsiski, WB9RGO (Prez); and Ken Knoff, N9NBC (Secy/Trsr).

At the conclusion of the election and meal, the clan gathered for the announcement and presentation of the 2003 Olie Fox, K9AKG Award of Excellence. This year's, the eighth, was the first outside of our membership, and



Bill Hawes, W9ERG receiving his 55-year QCWA License Certificate from outgoing Secretary Bob Jensen, W0WLN.

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a scheme had to be devised to get our awardee to the meeting without "spilling-the-beans". Since our selectee was the Homeland Security Coordinator for the County, the awards committee ask him to make a presentation on the topic; he did and it was quite interesting. Then President Lloyd Gorsiski, stepped to the front and read the following:

The Olin Fox K9AKG Recognition of Excellence Award

**David C. Voss
WB9USI**



The 2003 recipient of the Olie Fox, K9AKG Award of Excellence, David Voss, WB9USI

In recognition of sustained dedication to furthering and supporting the objectives of Amateur Radio in our community, the Southeast Wisconsin Chapter 162 of the Quarter Century Wireless Association is pleased to present this award. David C. Voss has continuously and tirelessly worked to enhance citizen awareness levels to the communication needs and the ability of Amateur Radio to provide, should a severe disaster strike their neighborhood. As the Homeland Security Coordinator for Racine County, Dave calls upon his Amateur Radio skills and contacts as he delivers his message on security across the diverse entities that make up the residents of Racine County. No matter the task or organization Dave is associated with, he seems to utilize Amateur Radio in an intricate part of the task solution and the reaching of other organization goals. As example: The City of Racine Zoo Christmas lighting program used Hams to coordinate the simultaneously turning of switches for all the light displays and to move the crowds through the Zoo in a timely and orderly Manner.

Dave contributes inexhaustibly to Amateur Radio in every facet of his daily life. We are happy to recognize his contributions. Dave was a bit surprised and quite pleased at being recognized for his community service to both Amateur Radio and the Greater Racine Metropolitan area.

The year 2003 has not been too kind to Herb Ladwig, W9PHJ. A fall at home busted an elbow with resulting follow-up care in an assisted living facility. Seventeen throw rugs, I have been told, but cannot confirm, disappeared from Herb's home. I suspect that one of those little items may have be the cause of the fall. After a return home this Fall, a problem with something in the stomach had Herb revisiting the medical facilities for a little more work. Hopefully this QCWA Spring Journal will find Herb back home working all the rare DX he can find.

Our Christmas party, held again at the Meadow's Restaurant, was a grand adventure, with wonderful friends, good food, outstanding conversations an a small gift exchange. Each attendee brought a gift wrapped either in red for the ladies or green for the gentlemen.

Larry McCalvy WA9JMO

Chapter 165, York County Pennsylvania

The members of York County Pennsylvania Chapter 165 held their annual meeting and Christmas Party on December 13, 2003 at Alexander's Family restaurant in York, PA. There were 37 members and guests in attendance. After a fine meal a short business meeting was called to order by the president Charles Arnold W3PRG. The chapter had just received their club call sign KB3KNT and a discussion about which silent key member's call sign the chapter should choose to retain as the club call. The names of 4 former members were proposed and the Call of George Gable W3EDO was selected by a vote of the members. George had been the "Elmer" for many of the hams in the area. George had taught classes for the written element and the code for decades and many of us owe our ham education to George. We in turn have taught hundreds of new hams. A decade ago the county amateurs awarded "The Ham of The Year Award" to George.



Charlie W3PRG (l) receives Meritorious Service Award from Charlie W3PRG (r) at the annual Christmas party held on December 13, 2003.

The members also voted to send a donation to the ARRL for the Spectrum Defense Fund.



Bill Barefoot W3UQJ (l) receives the 50 Year Award from Charlie Arnold W3PRG (r) at the annual Christmas party.

There were several awards presented to members, president Charles Arnold W3PRG, presented the 50-year award to Bill Barefoot W3UQJ and Ray Shaub W3AXC, the chapter Secretary, presented the chapter's meritorious service award to Charles Arnold W3PRG for his outstanding contributions to the chapter.

Ray Shaub W3AXC - Secretary/Treasurer

Chapter 169, Sacramento Valley

Chapter 169 meets the 2nd Wednesday each month at Carrows Restaurant located at 4601 Watt Avenue in North Highlands, CA. The restaurant is on the west side of Watt Avenue just north of the Interstate 80 Freeway.

During the last quarter our meetings included videos on K4UEE's DX-peditions to KH1, CE0, FO0, VK0 and AC, a PBS presentation on 'Sea Disasters' and a PBS presentation on 'Old Time Radio'-a history of radio broadcasting.

Our President, Paul Wolf, W6RLP, presented a 65-year Service Award to Tom York, N6NFL. During October we lost a long time supporter, Keith Crandall, K6QIF.

Our no-host breakfast starts around 9 AM with our meeting starting around 9:30 AM. YLs are always welcome. For further information please contact our President, Paul Wolf, W6RLP, at (916) 489-8112.

Gary Stilwell KI6T - Secretary/Treasurer

Chapter 175, Oregon Coast

The last luncheon meeting was held at the Surf Rider overlooking Fogherty Creek and the Pacific Ocean. The windows in the room are big and we have the privacy to hold our meeting comfortably. The only business conducted was the voting on the change of our dues structure. The low-key business meeting, location and comradeship makes the hour or hour and a half trip worthwhile.

Although our membership is less than twenty, our luncheons, with the spouses, usually number around twenty-five. We're looking forward to the winter storm at our luncheon this next time, but we could be disappointed, it could be a mild sun shiny day. Either way, the food and companionship is guaranteed to be good.

A week or so after the meeting, Millie and I accepted an invitation of the Secretary/Treasurer to visit Mary Ann and Carl at their home in Pacific City. They have a beautiful home on a ridge overlooking the Pacific Ocean, although you cannot see it because of the trees. He has a motorized crankup tower with a Skyhawk antenna on top. He also has a 250-foot long wire tuned by an SGC mounted on the outside wall. His installation of large pvc pipe at the foundation keeps the coax neat and orderly. His shack in the finished garage is impressive by its simplicity of using three computer tables together in an "L" shape and kept from the wall for ease of wiring. I had an enjoyable visit with Carl explaining some of the finer points of his station and showing me some of his collectables from the past. We also covered some of the club business, so it was a well-rounded visit. Oh, by the way, the wives seemed to have enjoyed themselves also as they are both craft people.

If you're planning to go the next luncheon and don't get a reminder, be sure call or e-mail Carl W7LI at w7li@arri.net or myself Armand W7IG at w7ig@arri.net, we'll be glad to put you on the list.

Armand W7IG - President

Chapter 188, Lost River

Greetings from snowy Klamath Falls, Oregon. The Lost River QCWA Chapter 188 meets at Elmer's Restaurant here in town at 11:30 AM for lunch on the third Thursday of each month.



Carolyn Brooks AB7ET, President of Chapter 188 received the coveted Meritorious Service award; the award was presented by Dale Mueller W7GQJ on behalf of the group.

We regret to report the loss of one of our newer members, Hugh Brown, WB7RBZ. Hugh became a Si-

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lent Key December 30, 2003. Though he had numerous physical problems, he attended meetings as long as possible. He will be missed. Many licensed amateurs in this area would qualify for QCWA membership, and this year might be the time to try to enlarge our local membership list.

Carolyn AB7ET - President

Chapter 196, Edison

During the October luncheon Jan Scheuerman, WA2YL, made a slide presentation of the Miss America Pageant. Jan makes frequent trips to and from New Jersey. Many chapter members work her on phone and CW as she mobiles up and down the east coast. If you ever see a lightning bolt along I 95, the license tag will be WA2YL. We love our Jan!

Stella Gurka, WB2FAU, and her Lehigh PSK 31 Club (W2UXL) have been officially designated as an ARRL affiliated club. Jeff Beals, WA4AW, a charter member of Chapter 196 and Assistant ARRL Section Manager for Southern Florida presented Stella with a charter certificate at their Christmas party. Mike Gurka, K2UGH, Chapter 196 Vice President has been named Local Government Liaison Officer for Southwest Florida by the ARRL.

Gene, K?TIW, and XYL Katie Bradfield, KB?DKD, announced their plans to cruise the world. They will entertain our group with slides and stories of their travels when they return.

In November we were pleased to have some noted out of town guests visit us. Larry McCalvy WA9JMO, talked to us about the upcoming cruise in 2005 and handed out information packets. Also joining us were Betty Johnston N3PKX, and her OM John W3BE. John spoke a little about the QCWA and his role as the newly elected Vice President. It was a rare event when two Fellows of the RCA meet by chance and our chapter was honored to have Mike Gurka K2UGH, and John W3BE, in attendance.



Top left to right, K2UGH, W3BE, K3QC bottom WA9JMO.

We are proud to welcome Scott Simmons WA4DOS, to our chapter. Scott is very active on the ham bands and is a first class gentleman and operator.

December brought some snowbirds to us in their annual trek to the sunshine. Some familiar faces include those of K3OTY, Jack Parsons with his XYL Ann and Ed Elrod W9PTO.

Don't forget to visit our chapter web site. It is designed and maintained by Carol House. If you would like to attend our luncheons and need information please contact Jan Scheuerman WA2YL, at yllham@earthlink.net

Tad Burik K3QC - President

Chapter 205, Eastern Indiana

The last quarter of the year has seen the chapter involved in another testing session, with preparations underway for another in the spring. We are hoping to get a greater turnout for future sessions, and feel a bit more confident now that we have several testing sessions behind us.

Although our area has had two repeaters in operation on 2 Meters, one of our chapter members, Mike Chambers, W1IDX, has graciously set up yet another. This one operates on 147.045+ with a tone of 131.8, giving us a backup in the event of local emergency conditions. There are rumors that he might be making a UHF repeater available in the coming year, but more on that, later. It is this sort of public-spirited activity that makes QCWA great!

Attempts are continuing to provide the local historical museum with a display of "vintage" radio equipment, even if it is provided with recorded rather than live sounds of contacts between stations. Unfortunately the museum has more display material than it has space, so part of the difficulty is getting the idea sold to the staff such that the necessary space can be made available. There had been some thought of having the equipment actually be capable of operation such that special event operations could be conducted from the display, but that does not seem technically possible at present.

There has been discussion of changing our meeting site since there is a bit of a problem with respect to handicapped access, but the food is so good we have been unable to agree on any alternative location. We meet at the Kountry Kitchen on E. Main Street near the intersection of 10th Street in Richmond at 8:00am on the Saturday following the second Tuesday of the month. If that sounds complicated, come join us at one of our coming meetings to share in our camaraderie and hear amazing tales of radio exploits. Contact me for more information if you are likely to be in our area. We'd be happy to have you join us.

John F. Strain, W9MIU - Secretary

Honolulu Chapter 206

The Honolulu Chapter has changed its meeting time. Since most of the members attend the weekly breakfast on Tuesday, we are changing our meeting to coincide. Many of the active hams meet for breakfast every Tuesday, starting at 0700, over by 0830, at the Sizzler restaurant at Pearl Ridge. On Moanalua Rd, one block Ewa from Pali Momi. (If you don't understand, you not Hawaiian :)). The number 11 bus turns at the corner of

Pali Momi and Moanalua so visitors can ride the city bus.

We have members who are DXers, Contesters, builders and rag chewers so a visitor will always find something to talk about. So come any Tuesday.

It is winter in Hawaii, so the temperature is in the 70s, with more frequent rain. In fact we just had one of our very infrequent heavy rains with thunder and lightning. More than 3 inches of rain in Honolulu, and the K1ER/KH6 tower grounding was again tested by a direct lightning strike. Test satisfactory. Joan KA4DPW says the house shook and the iron lid flew off an iron pot in the kitchen. Good magnetic field I guess. But the ham gear and computers continue to be normal.

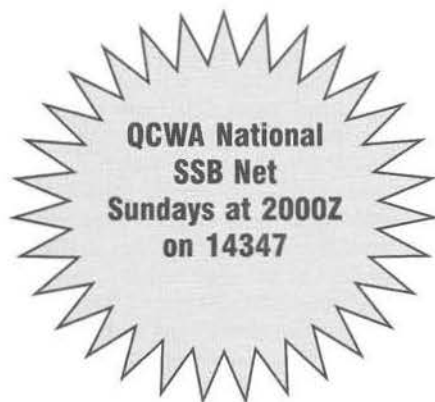
QCWA visitors to Honolulu are welcome.

Chapter 210, Omaha

The Omaha Chapter 210 has two on-the-air nets every week, on every Tuesday evening at 1900 hrs local on the 147.36 repeater and the other on Saturday mornings at 0830 hrs local on 3.990 MHz. All QCWA members and amateurs who have been licensed for 25 years or more are invited to check in to either net.

The Omaha Chapter 210 also has a monthly lunch get together on the 4th Thursday of each month starting at 11:00 am local at the Old Country Buffett located on 76th and Dodge in Omaha. Again everyone is welcome to drop in and enjoy the lunch hour with us! For Questions about The Omaha Chapter 210, Please contact Mr. Dick Newsome (WØHXL) at w0hxl@cox.net or visit our web site at <http://www.qsl.net/w0oma>.

Dar Piatt W9HZC



**New Deadline & New Address
Deadline April 1, 2004**

New Address



ATTENTION CHAPTER REPORTERS !!!

As you have heard or read, Jim Walsh stepped down as General Manager. This will also impact the manner in which information for the QCWA Journal will be managed.

Effective immediately, please send chapter reports, classified advertising, articles, special event announcements or any other **Journal-related** material directly to the Editorial & Advertising Office. All other material such as award requests, pins, annual reports should be sent to the new General Manager

It would be helpful for the members responsible for submitting chapter reports send me your name, address, telephone number and email address (if applicable). For those with computers, send the information via e-mail by which we can semi-automatically compile a list to effectively coordinate our information exchange.

Gerry Wentz - Editor QCWA Journal
672 Indian River Drive
Melbourne FL 32935
PH: (321) 242-5993

Or by email to:

QCWA@cyberskipdigest.com

For those in the Continental USA the toll-free number is
800-421-3279

THE AGE OF RUGGED INDIVIDUALISM (An Addendum)

by Ace Winter W2ADB

This addendum to "The Age of Rugged Individualism" is a potpourri of "Our Gang" careers.

This addendum highlights the frequency of peculiar coincidences and guardian angels. It also refers to a group of high-spirited individuals and their careers in the world of rugged individualism. This group started out as members of the Staten Island Radio Club, and most progressed from Ham radio to commercial radio and beyond.

In order to protect the identities of these individuals and to prevent lawsuits, I am going to identify each of them by the name of an animal whose characteristics they represent to some extent. The animal names I have chosen are Eager Beaver, Bear, Lion, Tiger, Fox, and Lamb.

At an early age, while Eager Beaver and Bear were still in high school, they promoted a deal with the local National Guard whereby the Guard would allow them to ride horses in the afternoon after school. The Guard had a number of horses and mules left over from World War I. In return they would provide radio communication and equipment for Guard drills. This arrangement worked out fine for a period of time, but eventually the commanding officer told them that to continue to ride it would be necessary to sign up and become a member of the Guard. They declined.

We studied together, and soon thereafter Eager Beaver, Bear, and I obtained our commercial radio operator licenses. While I was sailing on the Andrea F. Luckenbach, Eager Beaver and Bear were both sailing on Bull Line ships bringing sugar from Puerto Rico to New York. They had a good opportunity to "ham it up" on 600 meters and they did. Later, Eager Beaver and Fox worked out a deal whereby they sailed together on one of the American Export Line ships running to the Black Sea by way of stops in Europe.

Now it so happened that Eager Beaver was the son of big, strong German parents who lived in a neighborhood populated by Italians. It was customary for Eager Beaver and one of his neighbors to greet each other with expressions in Italian in all friendliness.

When Eager Beaver's ship docked in Naples, Italy, he went sightseeing on a bus. All was okay until a native brushed against him. Eager Beaver let loose with one of his neighbor's friendly expressions. However, the Italian did not take kindly to that friendly remark, and he pulled a knife and chased Eager Beaver off the bus.

Now another situation presented itself. I was being pursued by a strong, heavyset girl who had marriage on her mind. My Guardian Angel said, "Get rid of her!" With that in mind,

I introduced her to Eager Beaver. For identification purposes I will call her Madam X. Some time later on, Madam X was in a store to buy some wedding clothes, and she and the saleslady started bragging about their boyfriends. In the course of the conversation, Madam X stated that when she got married she was going to demand that her husband support her in the style to which she would like to become accustomed. The sales girl realized that Madam X was talking about Eager Beaver, her

brother. Eager Beaver's Guardian Angel took over and there was no wedding. A few years after the horse riding experiences occurred, Bear acquired a used Packard twin-six four-door touring car, the same kind that many gangsters used in those Prohibition days. One midnight while he, Eager Beaver, Tiger, and Fox were returning home from a radio club meeting, a peculiar coincidence occurred. All four found it necessary to urinate. They stopped at a nice lot in a quiet part of town, lined up, and performed nature's function. While they were in the middle of this procedure, suddenly ... WHAM, BANG,

BOOM ... and all four found themselves flat on the ground with a cop on top of each one. Now here was another peculiar coincidence. At that particular day at that particular time, the cops were staking out the house next to the lot. They were expecting some gangsters to come along.

I had a unique experience when I got a traffic ticket for speeding. In those days it was a \$25 fine or two days in jail. My father gave me the \$25 but I refused to take it. I said I would spend two days in jail. My father refused to take back the money and told me to do whatever I wanted with it. So I made \$25 and I put on old clothes and went to jail. However, I had an experience a couple of days earlier. The newspapers were full of stories about a rum runner named Lutzen, which the Coast Guard was looking for. By another peculiar coincidence, on the 40 meter band I heard a signal which said, "I am Lutzen, I am Lutzen," followed by a position report in latitude and longitude, repeated several times. Then the signal said, "I am in dense fog." It was off the Jersey coast.

The jail was something that would not be tolerated today. The bed had the filthiest mattress and blanket I have ever seen. The jailer refused to replace it with something clean, and I refused to sleep on it. The jailer said, "What are you going to do?" I said, "I'm going to sleep on the springs." It so happened that the springs were of the ribbon type rather than round wires. The jailbirds thought I must be a tough guy and therefore one on them. That was not the case, but I figured anyone



Ace Winter, W2ADB in his shack, December 2003

who could survive the SS Sutermeo could survive anything. It was so monotonous in jail that everyone was talking with everyone else. Because of the newspaper coverage of the Lutzen, that subject came up. I opened my big mouth and mentioned what I had heard two days earlier. Upon hearing that, the jailbird in the next cell offered to introduce me to King Solomon, the leader of the rum running ring, saying he could use a good radio operator. The Devil told me to try for that job. "It should be exciting!" Then my Guardian Angel said, "Don't do it!" My Guardian Angel won out.

After my release my pals all wanted to know about my experience. We went down there and I showed them the window of my cell. It was near the street and quite visible.

Shortly thereafter, Eager Beaver, who had come in possession of a 4-cylinder Henderson motorcycle guaranteed to do 100 miles an hour, was riding it and trying to adjust the carburetor. It would not slow down below 35 mph, and he got a traffic ticket for speeding. He paid the \$25, but by a peculiar coincidence, two weeks later he got another one at the same location by the same cop under similar circumstances. This was his second offense, and the penalty was \$50 or five days in jail. He did not have the \$50. When the time came to leave for jail, he called good-bye to his mother and said, "I will see you in five days." He then ran for the bus. His mother was yelling, "What's wrong?!" but he did not answer. Later on I asked him why he did not tell his mom. His reply was, "She would kill me!"

Eager Beaver's mother then called the police department and found out what was happening. In that neighborhood in those days, most people did not bother to lock their doors, but his mom was ashamed that her son was going to jail. She locked the doors, pulled down the shades, and hid inside her house.

The first night Eager Beaver was in jail, Tiger, along with Bear, Lion, and Fox, drove up to the outside of it in a four-door touring car with a souped up Ford engine in it and a vibroplex with weights removed mounted therein. The car also had a beautiful horn that was connected to the vibroplex. Tiger let loose with a beautiful blast of telegraphy, calling Eager Beaver. Eager Beaver returned the salute by blinker light using the overhead light for the blinker, quickly turning it on and off. Immediately everybody thought it was a jail break, and all of the inmates started to yell, scream, howl, and bang tin plates in the pleasure of all the excitement. The guards came pouring out of the jail with guns drawn. Tiger gave it the gas and sped away with one or two police cars chasing him. With lights out on a dark night, escape was very easy. What fun!

The next night Tiger showed up at my house with the others and with high-speed telegraphy blasting out of the car to demonstrate its effectiveness. Then they told me the story.

Soon thereafter Tiger bought a powerful motorcycle. He gave up radio and his thoughts turned to motorcycles and girls. He subsequently met up with a girl who was just as gung-ho about motorcycles as he, and they got married. In the next scene they were riding off into the sunset on two motorcycles, heading for California to surprise her parents.

I may not have all of these events in chronological order, but nevertheless they did occur. So now take another look at the goings on with the M. V. Gulfbird. I learned from the crew that the radio officer I replaced was mad at the captain. On his last voyage he brought a number of bottles of booze aboard, hid them all over the ship, and stayed drunk for the entire voyage. Upon arriving at Bayonne, he quit and got fired, all at the same time. Then the captain was conditioned for me.

Unbeknownst to me, the captain had drilled a small diameter hole through the bulkhead between his stateroom and the radio room. He had a wire going through the hole and connected it to the ship's transmitting antenna. The other end he connected to the antenna post of his broadcast receiver. He got better reception that way. When I pressed the key on the transmitter, smoke came out of his receiver and through the hole, into the radio room. After that he listened to broadcast using the ship's direction finder.

Now there is more about the tanker Socony. On the Socony, things were different. The food was actually good. In fact, it was fantastic.

On one occasion, upon arriving in New York, I happened to walk by the ship's chandelier, who was talking with the chief steward and the chief mate. In fact, they were bawling him out because he returned with too much food in the freezers. They told him he must not be feeding the crew enough at mealtimes, and that if he ever returned with the food lockers that full again he would be fired.

On the next trip the chief steward asked each of us to eat more food. We tried to cooperate and ate all we could hold. In fact, one night I counted the number of courses we were given, and there were seventeen. I ate something from each. The night before our next arrival in New York, I happened to be walking near the stern of the ship and saw the chief steward and the cook throwing cows, turkeys, chickens, and ducks overboard.

When I joined the Socony, it had just arrived from a five-month trip from China and was anchored in New York Harbor just off Staten Island. In its return trip it picked up oil somewhere and was now being pumped out into barges that were tied alongside. That procedure took eight hours, at which time a messenger from the New York office boarded with a message to the captain, instructing him to sail to Beaumont, Texas immediately upon unloading. The captain told the messenger to tell the office, "No way, we are staying here 24 hours." That 24 hours turned out to be some experience. There were women all over the ship and private parties ensued.

When it came time to sail, the chief mate got the anchor up, and we started out to sea. We had gone only a few feet when we slowed down from a slow speed. The whistle blew and then petered out. We made a slow left turn, went over to Brooklyn, and kept going until we completed a full circle and dropped anchor at the same spot from which we had started. I asked the captain, "What's wrong?" His answer was that there was only one man in the engine room and he couldn't get up steam fast enough. "Everybody is drunk except you and me and the mate." It was then 10:00 p.m., and by midnight we had enough steam to creep out of the harbor.

The chief engineer woke up and went on duty four days later. The captain was Norwegian, and the crew was made up of Norwegians and Swedes. I will say it was the happiest ship on which I ever had the pleasure to sail. This happiness was dampened somewhat when the radio news stated that a popular female movie star of the early 1910 era had died. She was reputed to be a flamboyant redhead. When I arrived at breakfast, a number of the crew seemed to be very sad. When I asked why, the chief engineer stated she had spent many a night "aboard this vessel."

Before I forget, I want to tell you about an incident aboard the rust bucket SS Sutermeo. One day I saw one of the engine room crew walking around the deck, holding a large box of wooden matches and a hammer. I asked him what he was do-

ing with that stuff. His answer was that there were a lot of loose rivets and seawater squirts in the form of a spray into the engine room. It was his job to insert a wooden match in the crack and hammer it in. He further stated that the more the ship sailed the more the leaks showed up.

Before I reveal the fabulous career of Eager Beaver, I want to tell you about some stories that were told to me about rugged individuals in the old days. The first one was told to me while I was in the "static room" of Radiomarine awaiting my first assignment. I mentioned to a fellow "sparks" that I had been sitting there a week. He told me that in 1918 he applied for a job when he saw a ship, the Charles E. Curtis, listed on the bulletin board and nobody seemed to be assigned to it. He had also been sitting there one week and was getting tired. He was asked, "Do you really want that ship?" He answered yes and got it. When he saw the ship, it was a four-masted schooner docked in Hoboken. The mate told him they were going to Baltimore to pick up a load of coal. When they left Baltimore, the mate told him, "Sonny, you better send a message to your mother and tell her you'll be back in eight months. We're going to Australia." In Australia they picked up a load of grain. He arrived home two years later. The problem on that ship was that it had one head, and it was reserved for the captain's exclusive use. The crew had to sit on a pole extending off the side of the ship over the raging sea.

This next story was told to me by Leslie Sherwood, the 2nd Assistant Radio Officer aboard the SS Oriente. He had a 1-kilowatt spark ham station in Brooklyn before World War One. Conditions were wild then. There were no government regulations. Everybody was on 600 meters, including ships, coastal stations, and amateurs. Many of the amateur stations were more powerful than the coastal stations, which resulted in massive interference and abundant swearing at each other. Coastal station NY (which later became WNY) served New York.

A major event occurred one day in Leslie's life. He had an argument with NY concerning interference that his 1-kilowatt station was causing. The next day he received a nice letter from the vice president of NY's company, telling him that the operator at NY had advised him that Leslie was an excellent radio operator. He offered Leslie a job on a ship at \$30 per month. Leslie accepted. When he went sailing down New York Harbor, his brother opened with the same transmitter to say good-bye. A day later he received a letter and went to sea, which was how they corrected interference in those days.

Leslie told me the following story in 1934. I have checked it out and believe it to be true. That same year, he bought a paperback book to read and enjoy while we were serving aboard the SS Oriente. It was to be a fiction story. Suddenly he stood up and yelled, "Holy smoke, this is about me!" Then he told me the story.

A year earlier, in 1933, he had been assigned to a large seagoing yacht docked at Miami. The yacht just sat there at the dock for nine months, and he was getting bored. Suddenly one day an armored truck pulled up to the yacht, and they loaded 50 million dollars worth of gold onto it. Then it sailed to England.

Now it so happened that FDR became president in 1932. One of his first orders of business was to investigate E. L. Cord for several reasons. The main reason was that Cord was speculating heavily in the stock market and had become a multimillionaire. In addition, he had a lot of gold. FDR made it illegal to own gold when he took the country off the gold standard.

Cord's gold would have been confiscated, so he moved it to an English bank before that could take place. Leslie said that Cord was welcomed royally when he arrived there by transatlantic liner.

Cord continued his stock manipulations from London immediately, but he returned to the USA two years later according to his biography. While Cord was in London, the yacht captain received orders from him, which were passed down to Leslie. Announcements were made in society circles that Cord was going on a long cruise to the Mediterranean. Actually, the yacht would sail elsewhere, such as off the coast of Norway or France in the Atlantic. On some occasions, Cord would not be aboard but would be in London watching what his competitors were doing. On other occasions he would be aboard, having Leslie handle a volume of communications.

Leslie and the coastal station had difficulty establishing communications at times, because the coastal station would use its directional antenna beamed at the Mediterranean, and Leslie would be off Norway. The coastal station could never understand why the yacht's signals were always weak.

Eager Beaver was ambitious and had plenty of moxie, as the ensuing events will show. He attended Brooklyn Polytech to study electrical engineering, but these were tough times and money was scarce. He ran out of money six months later and switched to CCNY, but again left due to a lack of funds.

Then it was back to sea. He demonstrated his rugged individualism when, on a United Fruit Company ship, he noticed that Dr. Albert Einstein and Mrs. Einstein were passengers. He handed his camera to Mrs. Einstein and asked her to take a picture of him with Dr. Einstein. Eager Beaver spoke to her in German, she spoke to Einstein in French, and she got the okay to take the picture. That was some photograph: Eager Beaver in his sparkling white uniform and Einstein in what looked like dirty clothes, looking like a bum. Eager Beaver was so proud of that picture that he had it enlarged and colored. He worked his way up in United Fruit Company to become a supervisor in radio operations. He figured out how to get the radio operators past the picket line when there was a strike.

Scene two: On a very cold night Eager Beaver was aboard a barge with two strike breaking radio officers, anchored in the Hudson River. The ship left the dock without radio officers but picked them up when it came alongside the barge. Unfortunately, the bitter cold and long hours of standing there waiting for the ship to arrive had taken their toll. He developed what was then called "hasty consumption." As a result, UFC sent him out west to a sanitarium they owned.

Later on when his disease was arrested, he married a wealthy lady. Then in the early days of World War Two he joined the Navy as an ensign. It took the Navy a few months to get around to giving him a physical exam, and when they did, they saw a spot on his lung and discharged him. He needed a job, and in the meantime, word had gotten around that he was an associate of Dr. Albert Einstein and he had a picture to prove it. He told me that his wife had a brother who was a powerful lawyer in Washington. Both of them were so impressed with Eager Beaver that his brother-in-law spoke to a general about how smart Eager Beaver was.

I visited him in California during World War Two and got the rest of the story. Suddenly one day he got a telegram from his brother-in-law telling him to immediately fly to an address in California with instructions not to ask any questions, that it was a secret job. He did so expecting to find an important radio job, but such was not the case. At the time of my visit he

told me to refrain from any talk about college if the subject came up. The reason was that when he arrived he discovered he was the seventh person to be hired by this new company, and all six of the others had Ph.D. degrees. He had put on his application that he was a graduate of Brooklyn Polytech. They did not investigate his background, possibly because a general had sent him.

When Eager Beaver discovered what he was in for, he went to the library, took out a book on calculus, and studied nights; in addition, he picked the brains of the others. He told me he found they "were not so smart." Then he showed me a room filled with draftsmen. He said this was a new project called Project X, and that he had been promoted to Assistant Chief Engineer and was in complete charge of it. So far all was well and good. However, one day the plant blew up. I don't know where he was at the time, except that he was put in charge of the entire cleanup. I lost track of him after that for a few years until one day in 1952, I read in a New York newspaper a headline that said, "Pioneer Navy Rocket Research Scientist Dies in Naval Convalescent Facility in Colorado, age 42." It was Eager Beaver.



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RANDOM RECOLLECTIONS OF AN OLD HAM

by George Hart W1NJM

(A journalistic history of the life and times in Amateur radio of George Hart, W1NJM)

George expected to be the logical successor to the position of Communications Manager.

This left the Communications Department with only two people - myself and Lillian Salter, our stenographer and pseudo-secretary, who was in that position long before I arrived on the scene. Not being a ham, Ullian certainly was not eligible for the position so I felt there was no alternative but to give the job to me, or simply to phase out the department altogether. This didn't seem likely, because our field organization was still being maintained, SCMs were still being elected, some appointments were still being made, the CD was not dead. There was still plenty of work to keep one man and a stenog/file clerk busy. But on what basis?

In May of 1942, with Ed Handy's departure imminent, the matter was taken up by the ARRL Board of Directors, and again I was bypassed. John Huntoon, W1LVQ, became acting communications manager, I to be his subordinate. John was an assistant secretary, much admired by almost everybody.

This time my humiliation was spiced with anger, and I decided to seek other employment, one of draft exemption if possible, or else just wait for the draft to catch up to me. My brother Ed, W3NF, was working as a code instructor at a naval school in Bedford, PA. I visited him and was introduced to the school supervisor. The school was set up for the purpose but it was run privately by civilians on behalf of the Navy. They needed code instructors and seemed to feel I would fill the bill very nicely, so I made application. They told me the Navy needed CW operators so badly that they were opening a new school in Hollidaysburg, PA. The super said the chances were good that I would be draft-deferred, but there was no guarantee; it would be up to my local draft board. I left my application on file and returned to Hartford.

The day after I returned, John Huntoon came to me and explained that the ACM job had been wished on him, that he hadn't sought it, that he wasn't getting an increase in pay, that he was still an assistant secretary and as acting communications manager he would only be a figurehead, that I would actually be running what was left of the department. He also said that there would be no more weasel-worded title, that I would be assistant communications manager and he would try to get me a raise. John, then as now, had a winning personality and I felt considerably mollified. I didn't want to leave ARRL headquarters, or my little house on Highland Street, but I was still seething with anger and humiliation. I told John I had applied for a job to teach code in the navy and, if accepted, intended taking it.

John was as good as his word, but about a week later two things happened. John was classified I-A by his draft board and I received word from Keystone Schools that I was hired and was to report to the new school in Hollidaysburg in three days. Still no promise of draft deferment. I told John of this development and he told me he was joining the Coast Guard, now part of the Navy, as a chief petty officer and would be stationed at a Coast Guard training school in Atlantic City. The next day I was summoned into the office of the Great Man himself, Kenneth B. Warner, W1EH, ARRL secretary and gen-

eral manager of the headquarters.

I had spoken with KB only once before, at the informal Christmas party in 1938, in the basement at 38 La Salle Road. On that occasion he had sought me out, shook my hand, expressed regret that we hadn't met before, wished me a Merry Christmas and handed me an envelope, then returned to the festivities. In the envelope I found a crisp new ten dollar bill. It was a custom to give every employee a bonus at Christmas time, and mine was the minimum. Far from being disappointed, I was delighted. Of course I had seen KB around the office many times but never before had any reason to engage him in conversation. It would not be an exaggeration to say I held him in great awe, and in this instance I approached his sanctum sanctorum in "fear and trembling."

"Well," he said, after inviting me to sit down, "it's definite, Huntoon is going to the Coast Guard, and you're going to be our new Acting Communications Manager. You should have been appointed when Handy left, but the Board didn't think you could handle the job. Can you?"

"I'm sure I could, KB," I said. Everybody called him KB except the non-ham office personnel. "There isn't that much to it, now that we're off the air. But I have another job, now. I'm going to teach code at a Navy school in Pennsylvania. He stared at me and I felt exceedingly uncomfortable. "How come I didn't know about this?"

"I didn't know about it myself until yesterday, when I received a telegram from them. I'm to report for work in three days. I was going to inquire about a leave of absence today. "KB's stare bore right through me. "Do you think you'll get it?" "I don't see why I shouldn't," I said, my voice shaking a little. "You gave Joe Moskey and others who sent into war-related industry leaves of absence."

"That was different. Teaching code isn't exactly an industry."

"That's what John Huntoon will be doing, isn't it?" "Yes, but he'll be in the Coast Guard, a military service. You'll remain a civilian, won't you?" He didn't give me a chance to answer. "You expect to return here after the war?"

"I'd like to have the option," I said, then added in a low voice, "but not if I'm not wanted." "Did this school in Pennsylvania offer you a draft deferment?" "They said they'd try and there was a good chance, but they couldn't guarantee anything."

"Of course not. Are they paying more than you're getting here?"

"A little. Not much."

"Have you liked working for the League?"

I shrugged. "Very much. Amateur radio has been a big part of my life, and the League is amateur radio. That's why I want to come back. This job in Pennsylvania is only for the duration." "Or less. When the need for CW operators runs out, they'll probably close the school. Have you thought of that?" I hadn't thought of much of anything, except that I wanted to get out of this head quarters where it appeared I wasn't really wanted and had little future. But it was my own fault, I felt. Joe

Moskey was right, if you don't push yourself you'll never get anywhere; and I wasn't the pushy type. I sat mute, not answering his question. He turned and looked out the window of his corner office onto La Salle Road and the busy Farmington Avenue thoroughfare half a block away.

"Do I remember correctly that you're a college graduate?" he asked.

"Yes. Penn State. I graduated in 1936 and got my master's degree in 1939."

"Electrical engineering?"

"No. English composition. I consorted with a lot of engineers at W8YA, though." "That's where Doc Woodruff teaches, isn't it?"

"Yes. I didn't see much of him, though. Gil Crossley, an instructor, runs the station." "And yet, with two college degrees you took a job as second operator at W1AW at what? - twenty-five bucks a week?"

"Twenty-two when I started. I'm doing a bit better than that now."

He continued looking out the window while I sat nervously fidgeting.

"George," he said, finally. "You said something a while ago about being wanted."

You're not only wanted, you're needed. The League is starting to break up. Almost half the staff has left, either drafted or in defense industry. We have an important job to do in civil defense communication which is essential to the war effort, but we can't do it if all our best people leave. John Huntoon, as acting communications manager, was slated to undertake some important federal government contacts which would put us in good stead to assist the government in supplying crucial civil defense communication by those amateurs not eligible to serve in the Army or Navy. The draft won't catch up to you for at least another year. If you stay on, I'll up your salary to quite a bit more than that school will give you, and if the draft does catch up to you I'll get a hearing before you're draft board. By that time, if all goes well, we'll be well established in federal government circles, and I think we'll have as good a chance as that school in getting you deferred, maybe better. What do you say?" I was astonished to hear his voice break a couple of times as he made this offer. It made me realize how dedicated this man was to the League, amateur radio and the war effort. I said I'd have to think about it.

I had already decided to go to Pennsylvania. Now I had another decision to make. I had thought that Louise would be delighted to live in Hollidaysburg for the duration, because it was much nearer to Coudersport than Hartford, but she didn't want to give up our nice little house in Newington. I had given her the impression that we could rent it for the duration and return to it after the war and, although reluctant, she had agreed to this. Now, with this new development, we could remain where we were, and she was delighted. There still remained the threat of the draft. We had heard that they were starting to draft young married men without children. We wanted children, eventually, but we had decided to wait until the war was over. Even if we started a child now it would not change my draft status. I would still be childless as far as my draft status was concerned.

I wired the Keystone Schools turning down the job. It turned out to be a good decision. KB would not have given me leave of absence and when the war ended or the Keystone Schools ceased operation, whichever came first, I would be without a job. The crisis was over - temporarily, anyway. I be-

came acting communications manager of a department of two people - Lillian Salter and myself. Lil was a spinster lady who had been Ed Handy's stenographer and, you might say, interpreter, for several years prior to my arrival on the scene. She was very small, had a fiery temper, very little executive ability, a great deal of expertise in typing and figuring out Ed's dictation and rough drafting. Dictation was done on dictaphones using wax cylinders. Ed dictated most of his correspondence on these cylinders and Lil had the task of playing them back and transforming them into letters, which she would then take into his office for signature. I had occasion to listen to one of these cylinders once and marveled at her ability to make sense out of them. Not only was the quality inferior, but Ed talked in machine-gun fashion in his high-pitched voice interspersed with frequent throat-clearings, ums and ahhs, coughs. Incredibly, Lil seldom had to inquire of him just what he was trying to say. When Ed rough-drafted a bulletin or other piece of expository writing he pounded it out on his old No.5 Underwood typewriter, single-spaced, after which he would go over it with soft pencil, crossing out parts and adding text here and there by scribbling in the narrow margins with lines and arrows showing where the substitute text was supposed to fit. Quite often he would run out of margin, so he would scribble or type on a narrow strip of paper which he would then staple to the sheet. Lil once showed me a sheet from a rough-draft bulletin which he had just given her to be put into page form. It looked like a paper spider, a sheet of 8-1/2 by 11 typing paper with illegible scribbling all over it several streamers stapled onto it. I never thought they paid Lil enough for the kind of work she did. I probably wasn't too easy a boss to work for by ordinary standards, but after Ed Handy Lil must have found working for me a great relief.

The ARRL Apparatus Bureau

With amateur radio in limbo "for the duration" and the ARRL/QST staff reduced to a skeleton, keeping "the hobby" alive became quite a challenge. Lil and I kept busy during office hours keeping up with correspondence, producing mimeograph bulletins to what was left of the field organization, finding candidates for SCM, conducting SCM elections where candidates could be found. Thousands of amateurs were in the armed services, but the majority were still out there, their transmitters silent, their interest ebbing but still alive. The CD in peacetime had a staff of about 7. Now it was reduced to 2, but the workload was not reduced that much; we still had basic functions to perform in keeping with the policy, you might even say the determination, to keep ARRL and amateur radio alive without any on-the-air activity.

- In the next issue -

George settles in to his executive position with the ARRL and was responsible for the conduct of the ARRL Apparatus Bureau. Suddenly the fullscale war had a dramatic impact on the operations and responsibilities of his office.

THE MORE THINGS CHANGE, THE MORE THEY STAY THE SAME

By Robert L. Rod, K6FZ

(But for ham radio, I know I wouldn't be the same person I am) Part II

I think readers of Part I (QCWA Journal-Winter 2003) are just dying to know what happened during the second switched cable incident on the Passaic River in NJ sometime in 1953 or so. You recall a German JU-88 bomber was shot down in WW II right over our British Army AA site in England when my radar pointed the guns 180° away because I had the antenna cables reversed. Always the mischief-maker, I recall the big launch day of my boss' 'christening of his newly refurbished ex-Canadian Navy corvette. Fitted with a duplicate of the magnetic amplifier boat steerer also provided by his Bogue Electric Manufacturing Co. to the Navy's Polaris submarines, the cry rang out, "cast off, hard starboard" whereupon the boat veered not out into the Passaic River but hard to port into the concrete dock where it burst apart and promptly sank.

Years later, strange FBI men approached me on the streets and asked if I knew whose boat steerer was on that corvette, and why did it sink? On the latter question, I had no problem saying the guys in Bogue's Paterson, NJ, test department disliked the boss and reversed the cables to the rudder control and waited with glee to see the results.

Returning to this narrative and harkening back to prewar days at Georgia Tech, my ham radio background served to have me hired as one of two unpaid interns selected from all of Georgia each year by WSB, Atlanta's 50KW clear channel bc station that 'covered Dixie like the dew.' This led me to a *paid* engineering job at WAGA, a 10KW Atlanta station, where with my FCC Radiotelephone 1st license I split my time half at the studio and the other half at night out in the boondocks where the transmitter and antenna were located. On Sundays, I handled four remote church services by rushing from one church to another, collecting \$10 in cash from each minister before opening the mikes for an hour's airtime, until I was thinking about becoming a monk or a Christian Scientist.

Because I again had wires reversed, I switched to over the air an NBC Blue Network broadcast of a Toscanini-led symphony in this Crackertown (which I only was recording for myself, I thought) and instead recorded a quartet of hillbillies putting forth in the studio I was supposedly monitoring. Banished to the transmitter, it was not long after that I got fired for falling asleep late one night while the same hillbillies were doing their stint. Alarmed by one call from an irate listener at 11 PM, the station manager called to see why the old reliable transmitter konked out after years of uninterrupted faithful service just on my watch. That I was outside cutting the lawn around the vertical held little water, and my bc career ended that midnight.

Getting back to history and WW II, the *Queen Mary* finally took me aboard and dumped me on West 49th Street where with a borrowed nickel I went on the cross-town bus and surprised my parents on East 49th Street. Two weeks leave and subsequent training in Georgia on the British designed Rebecca Eureka homing beacons for parachute infantry pathfinders was followed by SECRET orders for me to fly to New Guinea and install the beacon system on all C-47 aircraft assigned to the 11th Airborne Infantry division and to train the paratroopers in system operation. Reporting personally to Major General Jo-

seph M. Swing, CG of the 11th, I was advised to get out of his tent and go home on the next plane as he stated he needed no new fangled gear to tell **him** where to land **his** paratroopers. In my most humble 2d lieutenant manner, I showed this relic of wars past my orders which were signed by General Marshall at which point I was told to go ahead, but he promised Rebecca Eureka would never be used in combat.

Rebecca Eureka was a masterpiece. The airborne part I remember, as SCR-727 was a UHF transponder sending forth radar-like pulses to the Motorola-built AN/PPN-1 Eureka beacon

dropped by the pathfinder along with its antenna (Fig. 1). Aviation fans will recall each Army C-47 had two Yagi antennas just under the cockpit window, one on each side facing forward. In operation with the beacon on, the radar operator in the plane directed the pilot to head towards the beacon so pulses from the two an-



Fig. 1. K6FZ operating Eureka, the paratrooper pathfinder's beacon in New Guinea in 1943.

tennas were equal on his CRT and the range to the pathfinder was read off (like the old GL-Mk 2 radar in Hull). At the drop point, the green light was lit, and the paratroopers aboard took off out the rear left door. That's the theory; in practice in one operation on 3 February 1945 in Luzon, the 511th Paratroop Regiment was dropped with instructions (no radio or *other* signal was to be used to coordinate jumping.) All told, **only 38.4 per cent of the 2,055 men landed where they should have, some six miles short of the landing zone (1).** General Swing was rewarded for his brilliance by being appointed head of the Immigration Service after the war ended!

My active military service ended in November of 1945, and I entered the Air Force reserves as a Captain assigned to the Pentagon. Soon after, I was wearing the 'ruptured duck' pin like a million other vets out looking for a job. I landed a good one at Radiomarine division of RCA at 75 Varick Street next to the Holland Tunnel in NYC designing their first commercial shipboard radar with three others. My memories of Radiomarine and wartime in the Atlantic and Pacific oceans earlier were revived by Ace Winter's QCWA article alongside mine in which he recounted his experiences with that outfit as a well-traveled "Sparks" in the merchant marine. While I arrived to work on radar, I couldn't but fail to be impressed by the variety of radio gear made there including a 10 KW HF transmitter for marine use that any ham would love to have

hidden in his basement out of FCC sight while chasing DX!

(1)- Craven, W.F. & Cate, L.C., The Army Air Forces in World War II, Vol. 5, p.427, U. of Chicago Press (1953)

Aside from two incidents at RCA, my five years there was rewarding. I was especially pleased on my first day on the job to sign a requisition for a new desk and chair which was promptly usurped by my Chief Engineer leaving me with one General Grant must have used in the Civil War which had three good legs adorned with scribbles and carved initials everywhere left by a hundred or so previous owners who all took a day off to reshuffle desks each time a newcomer came aboard. After five years, I had a pretty nice desk but decided to quit when my umpteenth request for a raise was turned down by the Personnel Manager who was laid off after 25 years, believe it or not, on Christmas Eve and blew his brains out in Radiomarine's mens' room.

Several experiences at Radiomarine are worth recalling. They reinforce my feeling nothing new really happens...most everything good finally happens a few times over. Designing both the new 3 cm radar and a new LORAN receiver, for both commercial and Coast Guard use, was all a new engineer could hope for. Especially rewarding was going aboard a huge ore carrier to field test the new radar in Great Lakes service even though the captain selected by U.S. Steel, the owner of my boat and 100 other ore carriers, was especially picked because he hated innovation and any smart alecks who thought they knew more than him. Like that British army major who spoke to me only once, when he found out I made more money as a US Army shavetail, than he did, this fellow was something else. I took my work seriously on his boat and personally pulled

maintenance (Fig. 2 on the left).

The boat captain also reminded me of my army days in New Guinea where I was up against General Swift who disliked smart alecks and attached Air Corps people who dressed like slouching hatless bums around his men who wore ties and regulation iron helmets in New Guinea's roaring heat. On day one he was introduced to the radar whereupon he announced he would throw anyone overboard who touched it. Like today's electronic surfers, he enjoyed twisting knobs and so screwed up focus, intensity, and the rest I secretly



Fig. 2. The author performing maintenance on his Radiomarine radar aboard ore carrier A.H.Ferbert on the Great Lakes.

drilled into the panel and installed the "Captain's knob" with nothing behind it. Unfortunately, it was hard to sleep at night being awakened by the captain to verify his exclusive knob settings were optimized. I prudently agreed he was always right

and went back to try sleeping.

One night at the entrance to Sault Ste. Marie en route from Cleveland to Duluth on Lake Superior to pick up a load of iron ore, I was awakened and told to be on the bridge whereupon I noticed we were fog-bound and couldn't see two feet outside. The radio was abuzz with other ships' captains cursing the idiot moving toward the locks in the fog. The idiot, of course, was my captain of the A.H. Ferbert who learned enough to head into the locks and needed my assurance that what he was seeing on the radar were indeed the very same buoys and other channel markers he knew by heart. Could he get his multimillion-dollar, 1,000 footer into the locks with zero visibility, I was asked? Of course being so experienced an engineer at a \$80 per week salary with \$100 in the bank, I said 'yes' and was rewarded by overhearing the captain call the CEO of U.S. Steel at midnight and OKing the ordering of 100 ship sets at a cool \$10,000 each for which my boss raised my weekly salary by \$5!

My selling ability brought me another \$5 weekly raise after going up to Boston where I boarded the ESSO Paterson, a huge sistership to the infamous ESSO Valdez oil tanker, also fitted with our new radar which, under the control of the captain's ten year old daughter perched on a stool, was coolly navigated out into the Atlantic ocean en route to Aruba during another convenient fog I am sure Radiomarine ordered. If I remember, ESSO ordered 50 ships sets for another cool \$5 million! I next got to ride a Coast Guard cutter fitted with our CR-101 radar the full length of the Mississippi southbound to New Orleans and blew the raises at Antoine's ordering Oysters Rockefeller that I heard rich people ate with glee.

The next career stop was with Melpar/Westinghouse in Alexandria, VA where I spent a year designing a 24-channel pulse width modulated microwave communication system for the Marine Corps. One end of the test link was at NRL, the Naval Research Labs across the Potomac, which introduced our group to some very novel naval systems people don't ordinarily see. Being homesick for New York, my XYL prevailed on me to take what turned out to be my shortest ever, only one week long, job with the old Radio Receptor Company in Brooklyn where I was asked beforehand by my Pentagon colonel to see if I could fix a few hundred IFF sets desperately needed by the Air Force hung up there by an engineering problem.

In that dungeon of a company, a dwarf wacked a gong at 8 AM to start the day, banged it again at coffee break and ten minutes later and again at lunch and at 5 PM. I decided then and there to quit after I fixed what I thought was the IFF problem with a 2-watt resistor, a VR-90 voltage regulator tube, and its socket. Total cost = one dollar. Requesting the resistor from the stock room, I was handed what looked like a garden hose that was supposedly a resistor used by Thomas Edison because the boss had to OK everything more modern, including a 2W resistor. Months later, I was called by the new engineer they hired to ask for the value I selected for the resistor.

Next stop was Bogue Electric in Paterson, NJ (named after that ESSO Paterson or vice versa?) where the boss once again was something else. As head of R&D, I dreamed up new things in pretty cabinets with meters and nice knobs and was called an idiot because the boss said I saw a pile of beautiful esoteric parts and he saw a pile of dollar bills. For good measure, he punctuated his remarks by throwing fountain pens at people he disliked, which actually stuck in the walls behind us! He deserved it when his pride and joy, the Canadian corvette sunk at the wharf.

The Bogue stint introduced me to the missile business. There was an ongoing R&D program to monitor the kerosene and liquid oxygen propellants in the ATLAS ICBM when I got there using a sonar system pointing upwards to continuously measure fluid levels. In this operating mode, the worst accuracy occurred when the two tanks were virtually emptied just when every remaining pound of fuel was needed to get the missile to its target. Once again, what happened earlier happened again later on after I left Bogue to start Acoustica Associates, Inc. in a Long Island boatyard. The initial product was a 400 watt ultrasonic cleaner designed and built in our living room, five of which were sold immediately to Texas Instruments and three other electronic firms. Emboldened by this result, more formal operations started in Becker's Boatyard in Glenwood Landing, Long Island, which was equipped with a multimeter obtained by swapping a tennis racket. This now primitive ultrasonic system (FIG. 3) owed its design to ham radio. The 20 kHz driver consisted of two 810s in a self-rectifying 400 watt oscillator circuit driving a magnetostrictive transducer on which was perched a one quart glass beaker big enough to clean a few wire-wound potentiometers or parts of a watch or a pair of eyeglasses. No sooner did we begin making a few more cleaners, a call came in from the 4-star Air Force general

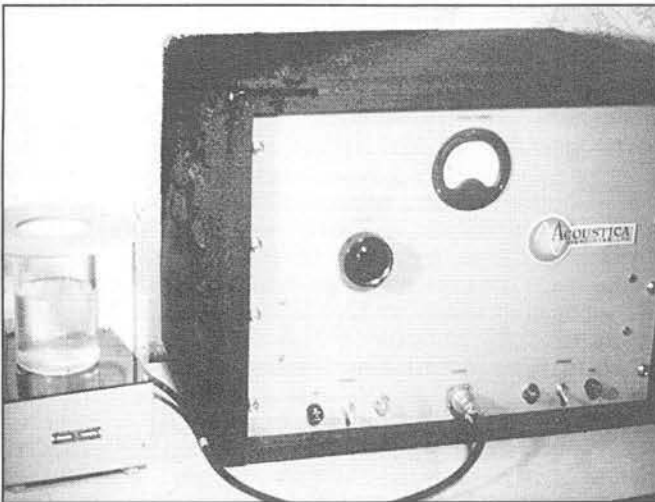


Fig. 3. Acoustica's first living room-built ultrasonic cleaner

in command of the Ballistic Missiles Systems Division in Los Angeles. The Bogue sonar system wouldn't cut the mustard and two other competitive approaches, one by General Electric using a radiation detector approach and the other by General Dynamics using the same kind of capacitance probes measuring fuel in airplanes all looked shaky. Would I submit a proposal on something better? Of course, the answer was 'yes' and a few weeks after an Air Force major flew in to examine the company, its facility (one room), its money (\$500 in the check book) and the employees (1-1/2), a SECRET R&D contract for \$1 million arrived.

The heart of the Acoustica proposal was a tiny lead zirconium titanate ultrasonic transducer (Fig. 4) vibrating at 40 kHz when driven by a remote single transistorized oscillator. It was supported in the middle at its nodal (stationary) point and could be recognized by any ham as analogous to a full-wave antenna. When a liquid, kerosene or liquid oxygen propellants wet one end of the oscillating transducer, as the case might be, the reso-

nant frequency shifted and the circuitry responded either with a 'wet' or 'dry' response. Hams recognize that antennas shift their resonant frequencies when contacted by another object.

In the ATLAS, the two propellant tanks, each initially holding tens of thousands of pounds of liquid, had to be fed to the rocket engine in an exact ratio to achieve maximum thrust and every last pound had to be utilized, hence the name, 'propellant utilization system.'

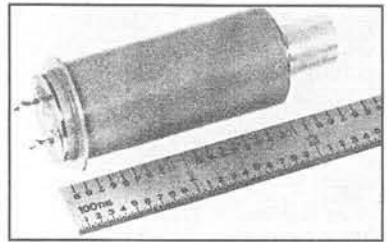


Fig. 4. Acoustica's ultrasonic liquid level sensor helped get APOLLO to the moon.

Instead of trying to continuously measure liquid levels, like the gas gage in your car, it was found that only six so-called discrete level sensors were needed in each propellant tank. They were mounted at precisely calculated levels inside two stillwell pipes that smoothed out sloshing and turbulence. Under perfect conditions, each tank was emptied at its corresponding sensor in the other tank simultaneously, but if not and one was being emptied faster, for example, the Acoustica-designed airborne computer that controlled the main fuel-mixing valve to the engine was servo-adjusted so the coincidence was perfect at the next lower pair of sensors. In this system shown in Fig. 5, maximum accuracy was achieved when the last few pounds of propellants were left...exactly as needed to

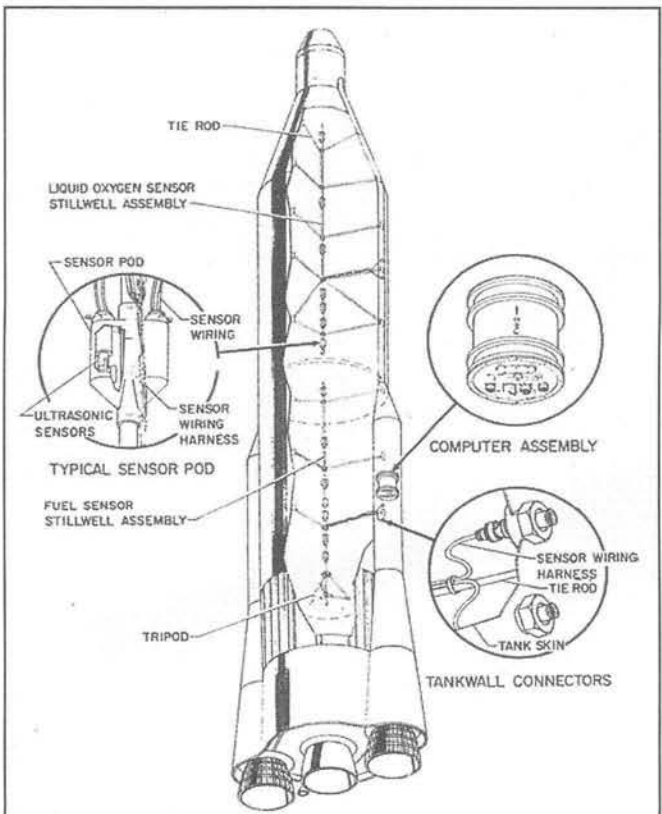


Fig. 5. The ATLAS propellant utilization system designed and built by the author and his company.

get the ICBM to its target 5,000 miles away.

Being a ham (and a pretty good salesman) made it easy to convince AF

types that the stillwell assemblies in a each tank must be super-clean and grease free. Nothing less than an ultrasonic cleaner was needed in Acoustica's factory, so an OK was received and we built the world's largest 40 foot monster holding 5,000 gallons of a water-based cleaning agent shown in Fig. 6. Several

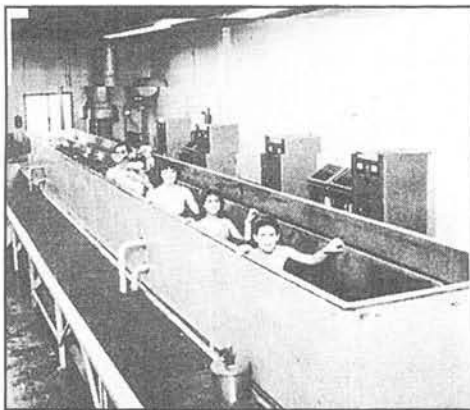


Fig. 6. K6FZ, XYL, N6ZWA, the two kids, and dog Jacques Gaston IV get fitted for a bath in the world's largest ultrasonic cleaner.

hundred immersible piezoelectric transducers were driven by four 2 KW MOPA generators at 40 kHz. Yours truly did the design remembering that treasured 6-foot high KW run by W2IOP before WW II. You almost couldn't tell the difference looking at both!

Acoustica's approach eventually won the ATLAS production competition for all 500 missiles causing the company to grow to 450 people. General Bernard Schriever commanding the Air Force's Ballistic Missiles Division and a host of other military brass (Fig. 7) helped inaugurate our new 50,000 square foot plant in Plainview, Long Island that was closed a month



Fig. 7. Missile pioneer ISAF General Bernard Schriever (2nd from right) and the author view a new directive sonar transducer at Acoustica's new plant opening.

later when we were asked to move the whole shebang to Los Angeles. All three competitors' approaches failed to meet Air Force requirements, and clones of our ATLAS liquid level sensors were employed in two of the four stages of SATURN, which propelled the APOLLO astronauts to the moon, and in the new Polaris missile submarines which also used the Bogue boat steerer.... another coincidence?

The move to Pacific Palisades in Los Angeles opened the door to real hamming at our house on a hill overlooking the Pacific Ocean and a later condo on the Marina del Rey ocean-front beach that were both ideal for a 4-element three bander driven by a Henry KW. This was quite a step up from ham radio in New York where the home brew MOPA (shown in Fig.



Fig. 8. K6FZ and his home brew MOPA CW rig in 1953.

8) did its best to overcome a poor antenna location across the street from the Waldorf Astoria Hotel on East 49th Street. Time during the days in LA was rationed between business and evening graduate work leading to PhDs for my XYL, N6ZWA, and myself at USC. This only left time for ham radio and my Air Force MARS activities late at night, so late that one session at 2 AM brought forth a call from a friendly (until then) neighbor who said his amorous doings in bed were upset by my voice blasting through his Realtone intercom system. Thereafter, my hamming days other than 2 meters in the cars more or less ended on the West Coast and here in Florida where antennas are taboo. The technology has become so complex that I yearn for the old days and my first crystal radio and wonder if I should have answered that ad in QST offering direct entre into military radar?



Chapters on the Air

NUM	NAME	DAY	TIME	NC	FREQ	NUM	NAME	DAY	TIME	NC	FREQ
	SO CALIF CW	SUN	1100L	K6CD	7034	81	LONG ISLAND CH	SUN	1130L	W2TLC	3917
	FL SSB	SAT	1300Z	W4KOG	3955	85	ARK-LA-TEX CH	MON	1930L	WA9PZL	146.67
	QCWA SSB	SUN	2000Z	varies	14347	89	PALMETTO STATE CH	SAT	0843L	N4RM	3930
	FL SSB	WED	1500Z	W4NWF	7274	89	PALMETTO CH	SUN	1700L	N4RM	3695
	REGIONAL	SUN	0845L	W2AUF	3917	91	VIC CLARK CH	SUN	0900L	VARIES	146.79
	QCWA CW	WED	2000E	varies	7035	94	ROADRUNNER CH	WED	1400L	WB5YYX	146.72
1	CLEVELAND CH	WED	2000L	W8LYD	146.85	102	DAKOTA CH	SUN	1400Z	VARIES	3889
2	CHICAGO AREA CH	1stTh	2130L	W9MOL	147.15	106	GERMAN CH	MON	1630Z	DLOQCW	3773
5	DELAWARE VALLEY CH	SUN	0945L	W2UAE	3917	106	GERMAN CH	TUE	1730Z	DL1MEB	3576
6	PITTSBURGH CH	SUN	0830L	N3GMI	147.03	107	CENTRAL FL	SAT	0900L	W4LHP	7243
7	SOUTHERN CA	SUN	1000L	W6ZRZ	147.36+	107	CENTRAL FL	THUR	1230L	W4LHP	14245
7	SOUTHERN CA	SUN	1000L	W6ZRZ	445.275	108	BEAVER STATE CH	WED	0800L	W7LVN	3926
7	SOUTHERN CA	SUN	1100L	W6WHM	7234	109	BATON ROUGE CH	SUN	2000L	VARIES	146.79
8	UPPER MIDWEST CH	SAT	0800L	WOKHG	3877	109	BATON ROUGE CH	SUN	0830L	VARIES	3905
9	SOUTHWEST OH	SUN	1330L	K8YDP	3975	110	KANSAS CH	SAT	0730L	KAORZO	3920
10	MICHIGAN CH	SUN	0800L	VARIES	3903	111	PALM BEACH CH	TTHSA	1900L	VARIES	146.670
11	NORTHERN CA	SAT	1000L	WB6IMX	146.85 -	112	YANKEE CH	SUN	0830L	W1GCA	3903
11	NORTHERN CA	SUN	0930L	WA6AFT	3907	114	NORTH TEXAS CH	SAT	0830L	WA5BXH	3933
14	SAN DIEGO CH	WED	2000L	VARIES	146.640	122	LAKE ERIE TRI-STATE	SUN	0915L	W3QPP	3916
16	ARIZONA CH	SUN	0600L	W7ER	3890	123	LEE DEFOREST CH	SAT	0730L	VARIES	3940
17	ALLENTOWN-BETHLEHEM	SUN	1200L	W3GOS	3990	125	NEBRASKA CH	TUE	0100Z	VARIES	146.94
19	MISSOURI CH	WED	1900L	W9VHL	147.15+	126	PIEDMONT CH	SAT	0845L	VARIES	3935
20	BALTIMORE CH	MON	2100L	W3EE	147.285	128	PELICAN CH	SAT	0900L	VARIES	145.29
21	CANTON OH CH	THU	1930L	VARIES	145.11-	130	INLAND EMPIRE	WED	1930L	W6HV	1.896MH
25	NEBRASKA CH	SAT	0830L	VARIES	3982	130	INLAND EMPIRE	SAT	0800L	W6HV	3900
28	CENTRAL NY	SUN	1030L	K2MFB	3990	130	INLAND EMPIRE	FRI	1600L	W6HV	3900
29	FINGER LAKES CH	SUN	1230L	W2BCH	3900	134	PINE TREE	SUN	1430L	VARIES	3942
31	READING, PA CH	MON	2100L	VARIES	146.91	135	MID-MICHIGAN CH	TUE	2000L	VARIES	146.70
32	GATOR CH	SAT	0900L	VARIES	145.29	138	MARCONI CH	TUE	2100L	VARIES	147.045
33	GUNDERSON PENN-JRSEY DAILY		2000L	W3APE	3987	140	WYOMING CH	SAT	0800L	AB7BJ	3923
33	GUNDERSON-PENN-JRSEY DLY		1000L	W3APE	14263	142	NORTHWEST OH	WED	2000L	K8PL	147.27+
35	MIDCONTINENT CH	THU	2030L	K0YML	146.97	146	TWIN STATE CH	SUN	0830L	VARIES	3897
37	HARRISBURG CH	WED	2100L	K3IUY	147.12	149	NUTMEG CH	SUN	1030L	W1JC	3923
38	SAN ANTONIO CH	SUN	2030L	W5HRF	28650	150	DEL-MAR-VA CH	SUN	0900L	NQ4Q	146.820
41	DALLAS CH	SUN	0715L	varies	3835	151	WILD ROSE CH	MON	1900L	VARIES	3747
45	CITRUS CH	TUE	1930L	VARIES	147.195	152	ROYAL PALM CH	MWF	1630L	K4FA	14190
46	FOUNDER'S CH	SUN	0815L	W2NBW	3917	154	LEO MEYERSON CH	THUR	1830L	W7YQ	145.480
49	PEACH STATE CH	SAT	0900E	K4VN	3857.5	160	UTAH CH	SAT	1100L	VARIES	7272
49	PEACH STATE CH	WED	2000L	K4VN	145.41	162	SOUTHEAST WI	THUR	2100L	N9NBC	147.87
51	TEX-LA GOLDEN TRI	MON	1830L	W5AL	146.85	165	YORK COUNTY PA	WED	2100L	W3AXC	146.97
55	WI CH	SUN	0830L	WA9UVK	3985	169	SACRAMENTO VALLEY	M/THU	1730L	VARIES	3947.5
58	CO CH	SUN	0900L	W9KRE	3905	173	GOLDEN TRI CH	TUE	1930L	W9JRY	147.255
58	CO CH	SUN	0930L	VARIES	146.62	181	HUDSON VALLEY CH	TUES	2030L	VARIES	147.060
62	SUWANNEE CH	SAT	0900L	W4PFJ	3940	181	HUDSON VALLEY	SUN	0815L	VARIES	3917
63	CENTRAL OK CH	SUN	0800L	W5AS	3855	182	NORTHEAST TN	SUN	2100L	W4CZI	145.110
63	CENTRAL OK CH	THUR	1900L	W5HXL	145.21	183	PIONEER CH	SUN	1030L	VARIES	3923
64	EL PASO CH	SAT	0830L	W5RO	3933	188	LOST RIVER CH	1ST W	1915L	K7RFO	146.25+
65	NIAGARA FRONTIER	SUN	1330L	W2AI	3900	191	MONTEREY BAY CH	TUES	1930L	VARIES	146.70
67	AUSTIN CH	SAT	0900L	W5MDL	3920	194	HAWAII CH	1st S	1500L	KH6B	7088
70	NATIONAL CAPITAL	THUR	2000L	VE3QCW	147.03	196	EDISON CH	DAILY	0730L	VARIES	147.345
75	CENTRAL CA COAST	SAT	1000	VARIES	7260	198	MID SIERRA CH	SAT	0700L	VARIES	3908
76	BLUE RIDGE CH	SAT	0900L	W4LSK	3942	205	EASTERN IN CH	THUR	2000L	VARIES	147.27+
77	NORTHERN NJ	THU	2000L	W2IET	147.030	210	OMAHA CH	TUES	1900L	W0OMA	147.36+
79	SUNFLOWER CH	WED	2100L	VARIES	146.82	210	OMAHA CH	SAT	0830L	W0OMA	3990
81	LONG ISLAND QCWA CH	FRI	2030L	W2TLC	146.745						

QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
10/22/2003	32266	HERSHBERGER, DAVID M	KN8Y	MOORE	SC	-	-
10/22/2003	32267	CALDWELL, DONALD H JR	AC8N	AKRON	OH	-	-
10/22/2003	32268	KUNSTER, GILBERT JR	K4WQ	ORLANDO	FL	-	-
10/22/2003	32269	PEDERSEN, BERYL D	KA9BAC	JUNEAU	WI	-	-
10/22/2003	32270	RAGAN, JOHN CHARLES	N0ALH	WHEATON	MN	-	-
10/22/2003	32271	SIMMONS, SCOTT	WA4DOS	SAINT JAMES CITY	FL	JAN SCHEUERMAN	WA2YL
10/22/2003	32272	HELMS, LEON	N6VS	ESCONDIDO	CA	-	-
10/23/2003	32273	CLEMENT, GEORGE	KE4AK	POWDER SPRINGS	GA	-	-
10/23/2003	32274	DEMARAY, KEN	W8SOO	SAULT STE MARIE	MI	JAMES F BISHOP	W8JFB
10/24/2003	32275	GERALD, FLOYD	N5FG	WIGGINS	MS	TERENCE LEE JONES	W8JE
10/24/2003	32276	YOUNG, CRAIG S	KA5BOU	LUCAS	TX	JERREL JONES	W5TUU
10/27/2003	32277	MASIULIS, KEVIN C	WB4AZG	CHATTANOOGA	TN	CHARLES E CURLE	AD4F
10/27/2003	32278	ALBURY, LUANN D	WB5LNW	CARROLLTON	TX	RICHARD C ALBURY	K4TTT
11/04/2003	32279	ELMORE, KIMBERLY L	N5OP	OKLAHOMA CITY	OK	NORMAN WILSON	W5FLO
11/04/2003	32280	BERRIOS, JOSE	WB2BWU	FORST HILLS	NY	-	-
11/05/2003	32281	KLUSOWSKI, EDWARD M	WA8V	MANISTEE	MI	DOUG ALMQUIST	WB8VOF
01/05/2003	32282	COKER, MARY A	WB5KWD	PLANO	TX	BOB COKER	WA5ZNZ
11/05/2003	32283	ROBINSON, ROBERT E	KU8C	PARKERSBURG	WV	DAVID MAYS	W8UI
11/05/2003	32284	PEDERSEN, GARY R	KA9BAE	PEWAUKEE	WI	-	-
11/06/2003	32285	HAMILTON, CONNIE	N8IO	MARIETTA	OH	KEITH CHAMBERS	W8VAN
11/06/2003	32286	PORTER, JIMMY D	W4EPW	MACON	GA	-	-
11/06/2003	32287	ELICKER, JOHN	N4FAI	LILBURN	GA	-	-
11/06/2003	32288	CAMPBELL, JOHN	K5ENA	TULSA	OK	-	-
11/06/2003	32289	LAW, ROBERT LEE	WB5PNM	INOLA	OK	GENE NAILON	K5DLE
11/07/2003	32290	MAKUL, RAYMOND E	K1XV	WESTON	VT	R E SEIFERT	KB2FF
11/07/2003	32291	LYNCH, PETER J	W1MNY	STUART	FL	NORM DIAS	W1UHY
11/07/2003	32292	LABBATO, CARMEN A SR	WB8SDA	LYNDHURST	OH	BOB ROSKE	N0UF
11/07/2003	32293	BARTON, ROBERT W	VE3FVF	BADEN	ON	E CRUMP	VE3OV
11/07/2003	32294	MARTIN, P ROBERT	W8MUA	OLMSTED FALLS	OH	JACK GOLDFARB	W8WGO
11/10/2003	32295	LARSON, GIL A	W7JBJ	OLYMPIA	WA	LEO MEYERSON	W0GFQ
11/10/2003	32296	MILLER, SAM	WB8TXG	CANFIELD	OH	-	-
11/10/2003	32297	CHRISLEY, WILLIAM C	KD5UZJ	RADIUM SPRINGS	NM	BOB ROSKE	N0UF
11/14/2003	32298	GERLACH, ROY I	KD7JEL	WOODLAND	WA	BOW LAW	WB5PNM
11/14/2003	32299	HUDSON, IRA J IV	K9ICF	DARNESTOWN	MD	RAY C H JOHNSON	K5RJ
11/17/2003	32300	LORFING, CARLTON P	WB5QXT	AUSTIN	TX	ROGER WINES	W5WIA
11/18/2003	32301	HIRANO, NAOHISA	JF2IGP	TOKYO	-	-	-
11/20/2003	32302	CARTER, PHILIP L	WD8QWR	REYNOLDSBURG	OH	-	-
11/20/2003	32303	SCHULTZ, LEONARD B	KC8WZA	GROVEPORT	OH	-	-
11/20/2003	32304	BEESON, LOYD T	AE5MM	BROKEN ARROW	OK	GENE NAILON	K5DLE
11/21/2003	32305	BALLEW, BRUCE	N4WD	FT OGLETHORPE	GA	CHARLES CURLE	AD4F
11/21/2003	32306	SHERLIN, TERRY F	KE4JF	OLTEWAH	TN	-	-
11/21/2003	32307	LYONS, NORMAN B	W1LXE	FITCHBURG	MA	THOMAS DUFFY	K1JHC
11/21/2003	32308	WARD, MITCHELL E III	WA5EWN	WINTER SPRINGS	FL	-	-
11/24/2003	32309	FALLS, EUGENE E	WB4AVK	NORTH LAUDERDALE	FL	THOMAS E FALLS	K4IKV
11/24/2003	32310	WILLIAMS, DON E	K6PPJ	BAKERSFIELD	CA	-	-
11/25/2003	32311	DOUGLAS, CHARLES A	K4YSF	ALMA	GA	-	-
12/01/2003	32312	COVINGTON, RALPH E	W7SK	SPARKS	NV	GORDON W HARRIS	W7UIZ
12/01/2003	32313	LAWSON, EDWIN N	K4DVK	SIGNAL MT	TN	-	-
12/01/2003	32314	PRIMAVERA, ROBERT E	W3HJE	BERLIN	MD	-	-
12/02/2003	32315	DANNER, DALE R	AG4PP	EASTVIEW	KY	-	-
12/05/2003	32316	TAENZER, PAUL	VE6PY	CALGARY	AB	KEN OELKE	VE6AFO
12/08/2003	32317	MILLS, BILLY D	K5ALM	HENNESSEY	OK	GENE NAILON	K5DLE

New Members

12/08/2003 32318	LEROUX, DAVID	KB8EH	PERRYSBURG	OH	BERNARD FINE	WD8C
12/08/2003 32319	MACKEY, CHUCK	WL7EM	KODIAK	AK	-	-
12/09/2003 32320	WARD, RALPH	KM4BI	CHATTANOOGA	TN	-	-
12/09/2003 32321	FREDERICK, ORVILLE	KT0S	DENVER	CO	-	-
12/10/2003 32322	SHEFFIELD, JOHN A	N4OWG	PAPILLION	NE	DICK NEWSOME	W0HXL
12/11/2003 32323	KYDD, JAN B	KI7E	PENNSVILLE	NJ	-	-
12/12/2003 32324	BROWN, STUART J	W1EUL	LEDYARD	CT	-	-
12/15/2003 32325	STENGEL, JERRY W	KF6XN	PLEASANTON	CA	-	-
12/15/2003 32326	BOYCE, LYNN R	WX4BB	WARRENVILLE	SC	DONALD R ANDERSON	K4PSW
12/15/2003 32327	DAVY, RICHARD G	G3XVF	ENGLAND	-	-	-
12/15/2003 32328	HEYER, JAMES D	K5WLQ	PLANO	TX	-	-
12/18/2003 32329	RYAN, JOSEPH G	WA1SSY	ROSEMONT	PA	-	-
12/22/2003 32330	AUTH, THOMAS L JR	KT8Y	ANN ARBOR	MI	LEONARD M NATHANSON	W8RC
12/22/2003 32331	GATES, ROGER D	W7KVT	FOREST CITY	NC	DUKE KNIEF	W4DK
12/22/2003 32332	GLUCK, BARRY	K6ADZ	NEWPORT BEACH	CA	-	-
12/23/2003 32333	CASALE, JOHN J	W2NI	TROY	NY	BOB ROSKE	N0UF
12/23/2003 32334	DOERRIE, BOBETTE	N5IS	BOOKER	TX	JEROME DOERRIE	K5IS
12/30/2003 32335	SADDLER, WILLIAM W	W8WWS	PEQUA	OH	-	-

DX Stories by Paul, VE1DX

Written in the style of my friend, Hugh Cassidy, WA6AUD

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One of the Local QRPers came by the other day, and he was carrying a laptop computer and a pair of handie-talkies. There was joy in his stride and a gleam in his eye. We had seen him coming and, for a fleeting few seconds, considered ducking out the back door. This fellow was a high-tech QRP'er, and he usually wanted to talk about something that was over our head. Thinking back to what the Old Timer had told us about being open to new ideas, and about the Amateur's Code, we decided to see what was up.

We opened the door and the QRP'er burst in, laying his equipment on the table and looking at us with a happy gaze in his eyes. "I've found the perfect way to work DX!" he proclaimed. It's so much easier than chasing HF propagation, or listening to Red-Eyed Louie's reports on the DX he's heard lately. Besides, Louie's job has been replaced with packet clusters. Who needs

him anymore, for that matter?" We thought about it for a minute and wondered who would feed the data into the clusters if all the Red Eyed Louies of the world packed it in. However, we'd learned many years ago not to present a QRP'er with too much logic. Maybe another day we'd both be up for that argument, but today he seemed to have other things on his mind.

"How are you going to work DX without understanding propagation?" we asked carefully. "Simple!" the QRP'er began, "And I'm here to show you how it's done." We just looked on as he opened up his laptop and started plugging in cables and hooking up adapters. "Shouldn't you bring that into the shack?" we asked, "That's where all the HF gear is, and the coax runs to the tower and all the antennas too." The QRP'er grinned and simply said, "Don't need it. I'm working on 2-meter DXCC. I want to be the first in the world to do it, too!"

"How are you going to work DX without radios and antennas? And you and I both know you can't work 2-meter DXCC without repeaters or satellites. Repeater assisted contacts don't count for DXCC, and if you do it by satellite, it's a Satellite DXCC, not 2-meters."

"Just watch me," he said mysteriously, reaching down and unplugging our phone from its wall jack and plugging in a line from his computer. We shoved our cap back on our head, scratched a bit, and pulled the cap back forward. "What are you doing with the phone lines?" we asked, wondering if he was up to something illegal. "You're not hooking up one of those things to make long distance phone calls without paying for them are you?" The QRPer looked up at us in consternation. "Don't be so foolish," he said, "I know better than that. I'm hooking the laptop up to my ISP." We didn't know exactly what an ISP was, but we thought back to the wisdom of the quote "Better to remain silent and be thought a fool than to open your mouth and remove all doubt."

As soon as he had things set up to his satisfaction, he typed in a few lines and the computer squawked and squealed for a few seconds, and then a couple of windows popped open. "There", he said, "I'm connected."

"OK", we said quietly, wondering what was he was connected to. "Here's how it works," he began, "I'm dialed into the Internet with my laptop, and I've got my 2-meter handie-talkie connected to the computer with a RigBlaster. Follow?" We nodded, for although we still weren't sure on the ISP part, we knew what a RigBlaster was, and we knew what the Internet was. We'd seen a demonstration of the Internet at a shopping mall last fall. And one of the PSK31 types had tried to hook a RigBlaster up to our TS-920 last summer. Since we weren't overly impressed with the Internet or what the RigBlaster had done to our HF rig, we were just as happy that the QRPer was contented to stay out of the shack.

"Now, here's how it works", he said, stepping back and holding the second 2-meter handie-talkie. All I do is key up the EchoLink node number of the station I want to work on my DTMF keypad here. I've got this radio on the same simplex frequency as the one connected to the Laptop with the RigBlaster. Just using 250 milliwatts, too! That will select the DX station from the EchoLink list and connect us by VoIP. Then I just talk to them and bingo! I've got a DX QSO. I can connect to anywhere in the world! This is pretty slick, right."

We didn't know what to say. We decided to ask for clarification, in spite of our previous decision to not remove the doubt of our being thought a fool. "What's VoIP and what's an EchoLink?" The QRPer gave us a pained look and answered "VoIP is Voice Over IP and EchoLink is the controlling software that runs on my laptop. Where have you been the last year or so?"

We decided not to argue and simply replied, "OK, we understand. So where's the DX?" The QRPer's look of exasperation increased and he blurted out, "Where it's always been, in those far away lands over the horizon like VK, ZL, and in all of Europe and Asia. And in the Caribbean and the like. Where did you think it would be? On my laptop?"

At this point we still weren't sure, so we just nodded and the QRPer punched a few codes into his handie-talkie. Then he called a GM station. We jumped back as the Scottish accent called him right back. Son of a Gun! We were impressed, but not convinced this was DXing. The QRPer exchanged a few more words with the GM station, ending it all by saying, "And be sure to QSL by the bureau, best 7'd3s." Up until the "best 7'd3s" we had managed to take things in stride, but enough was enough. "What

kind of foolishness have you dreamt up this time?" we roared! "Every time you start playing with computers, you come up with some way to cheat your way into more DXCC points, or to bend the rules, or to keep acting like you just were licensed last month! You know better than this!"

The QRPer took a step backwards and then glared right back into our eyes. "Look Buster, just because you didn't think of it doesn't mean it isn't right. It's not just my idea, either! There are almost 1000 EchoLink users around, maybe even twice that many. Why even VE1YX uses it. And he's been around the track enough time to recognize a good thing when he sees it. This is the wave of the future, and it's time you threw away that CW and SSB technology from the last century and joined us modern DXers! There is nothing illegal or immoral about this. It's new technology, and just because I'm smart enough to figure out how to get my 2-meter DXCC with it doesn't mean it's cheating!"

"Isn't DXCC supposed to use a radio?!!" we bellowed back at him. "You're talking into a computer with a handheld! It's going through our phone line somehow and connecting to another computer in Scotland. Where the 2-way radio QSO?"

"Right here in my hand and in the GM's hand in Edinburgh!" he screeched back, getting beet red and shaking his handie-talkie at us. "It's a good contact!" We took a deep breath and counted to 10. "How do you know he has a radio in Edinburgh?" we asked slowly, trying to bring the conversation back down to a civil level. "Because he has a L after his call sign. That means he has a link to a radio, the same as I have! And if he didn't have an L, there'd just be his call, and I'd know he was just using his computer microphone and speakers. But this fellow has a L, so it's a good contact!"

"How does the L get stuck after his call?" we asked quietly. "He typed it there when he set up his EchoLink software." was the quick reply. We leaned over and looked at the computer screen. A few of the calls had R after them, and a few more had L, but most had nothing but the call. "What does the R mean?" we asked. "Repeater!" the QRPer snapped back at us. "I can't use those for DXCC because they are connected to repeaters, but the L ones are good."

We looked a bit more and said, "That station in Hong Kong, if he were to stick a L after his call, or if that LA or GD were to do the same, and if they still used their computer microphone and speakers, how would you know?"

"How would I know? How would I know!! I'd know because Hams are honest, especially DXers. No True Blue DXer would ever think of doing something like that." We looked at him for a moment and then said "Romeo was in Burma." He stared at us with a blank look and then said "What?" We repeated slowly "Romeo was in Burma."

He looked at us for a moment, then snapped off his 2-meter rigs, unplugged his computer from the wall and began packing things up in their case. "There is no sense talking to people like you," he said. "I try to show you how DXing will be in the new millennium and you start talking in riddles. "Romeo was in Burma. What is that supposed to mean?"

We shrugged our shoulders as he was walking out the door. There is no point trying to explain the Eternal Enigmas of DXing or the Mysteries of the Ages to someone who isn't ready to understand them. So we just watched him stomp down the hill with his laptop and handie-talkies under his arm. Some day he might figure it out . . . but then again, maybe Romeo really was in Burma, too! DX IS!

Silent Keys

With sadness we record the passing of these members

NAME	CALL	MEMNUM	L	SK	CITY	ST/PR
MC KIBBIN, ROBERT J	K0GUY	14754	*	2003	BROOMFIELD	CO
ANDERSON, JAMES D	K0QIQ	22054		2003	RAYMORE	MO
DE JARLAIS, PHIL L	W0JHS	55316	*	2003	CHAMPLIN	MN
SHEARER, DONALD JIM	W0JRN	03442		2003	ARVADA	CO
UNDERHILL, GLENN	W0RSM	26609		2003	RIVERDALE	NE
MORGAN, LEO	K1LRX	18206		2003	PEABODY	MA
CHAPMAN, R Y	W1QV	04321	*	2003	GROTON	CT
MC KERNON, FRANCIS M	W1UOL	23236		2003	WEST HAVEN	CT
KORF, EARL	K2IC	08261		2003	LINCROFT	JO
PHELAN, WILLIAM E	W2AWA	01850	*	2003	HOBE SOUND	FL
COHO, OWEN CLARK	N3DYY	20052		2003	CAPE CARTERET	NC
JARVIS, JAMES A	VE3TI	26282		2003	NEPEAN	ON
MARINO, LEONARD F	W3IOH	16317	*	2003	MUNHALL	PA
MONTGOMERY, G R	W3KVS	05968		2003	WASHINGTON	PA
WILKINSON, IVAN C	W3RMF	19001		2003	NORTH EAST	PA
BENNETT, ROBERT S	W3WCQ	23274		2003	TOWSON	MD
GIBSON, WILLIAM A	KD4FI	30873		2003	ST PETERSBURG	FL
CHRISTIAN, CARL F	KF4JI	30310		2003	COCOA	FL
BUSH, JOHN V A	W4FOD	06506		2003	LYNCHBURG	VA
PAPANDREAS, E G	W4SS	10300	*	2003	LAKE WORTH	FL
BUNCE, GEORGE W SR	W5DKC	13974		2003	PIEDMONT	OK
JAMISON, FRANK L JR	W5YSM	14831		2003	BATON ROUGE	LA
JOLLY, ROGER B	WA5ZFQ	27016		2003	PORT NECHES	TX
LAWRENCE, OTHO	K6CAY	02820	*	2003	SARATOGA	CA
CRANDALL, LEO KEITH	K6QIF	28591		2003	SACRAMENTO	CA
EBERLEIN, DON	W6YHM	03004		2003	LOS GATOS	CA
WILLIAMS, SIDNEY S	W7GVX	13182	*	2003	BEND	OR
ROSS, ALAN K	W7IWU	05447		2003	BOISE	ID
HALLSTROM, NILS A	W7RUJ	30756		2003	SEATAC	WA
KLAUE, CHARLES F JR	W8KF	04969	*	2003	WILLOUGHBY	OH
COULTER, PEGGY A	W9JUJ	12191	*	2003	MUNCIE	IN

Corrections - In the Winter Issue list of Silent Keys, the callsign of George Eickler should have been WB4NXG and the correct call for June E. Truax should be W7RAX.

Earl Korf K2IC - Silent Key

Highlights of the career of our member Earl Korf, K2IC

Earl passed away at home Sunday November 23, 2003 at age 99 from prostate cancer. Earl received his first amateur license in 1924 and was issued the call 6WX. From 1924 to 1930 he was a ship radio operator on the West coast to Alaska runs and was the operator at a coastal marine telegraph station in Alaska. In 1930 Earl joined Trans World Airlines (TWA) first as a ground radio operator then as a Flight Radio Officer and later as a Flight Navigator. Earl was the navigator on aircraft that flew President Roosevelt to Yalta and brought Col. Doolittle back to the US after the Tokyo raid.

Doppler and INS systems replaced aircraft navigators when

Earl was 60 and then he had to take the mandatory flight personnel retirement from TWA. The next nine years he worked as a navigator on Seaboard DC-7's on charter to various Government agencies. Earl had 15,500 flight hours, covered 1,400,000 miles and made 815 ocean crossings. After his retirement he was very active in the VWOA, QCWA, SOWP, AWA, OOTC and other amateur groups. Earl maintained daily schedules with amateurs aboard ships from 1975 to 1995 comparing actual noon positions to his estimated positions. His memory will remain with all of us for a long time.

—Ben Russell, N6SL

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Wanted: National NTE transmitter, SW-3 Universal (octal tubes), home-brew receivers, particularly Radio & ARRL Handbook designs. John Hurst, KU6X, 2512 Euclid Crescent E. Upland, CA 91784, (909) 981-6759, Email: hurstjsj@gte.net

FOR SALE: Heathkit Antenna Tuner SA-2040, 3.5-30MHz, SSB 2000 PEP. CW - 1,000 watts. Manual. MINT. manual \$325. MIKE KOVAR, 24407 S. Ribbonwood Dr., Sun Lakes, AZ 85248, e-mail mirko@amerion.com PH: 480-895-8848

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